CAUTION–ELECTRIC PRODUCT.

As with all electrical products, precautions should be used and observed during handling and use to prevent electric shock. Not suitable for children under 12 years age.

PLEO rb™

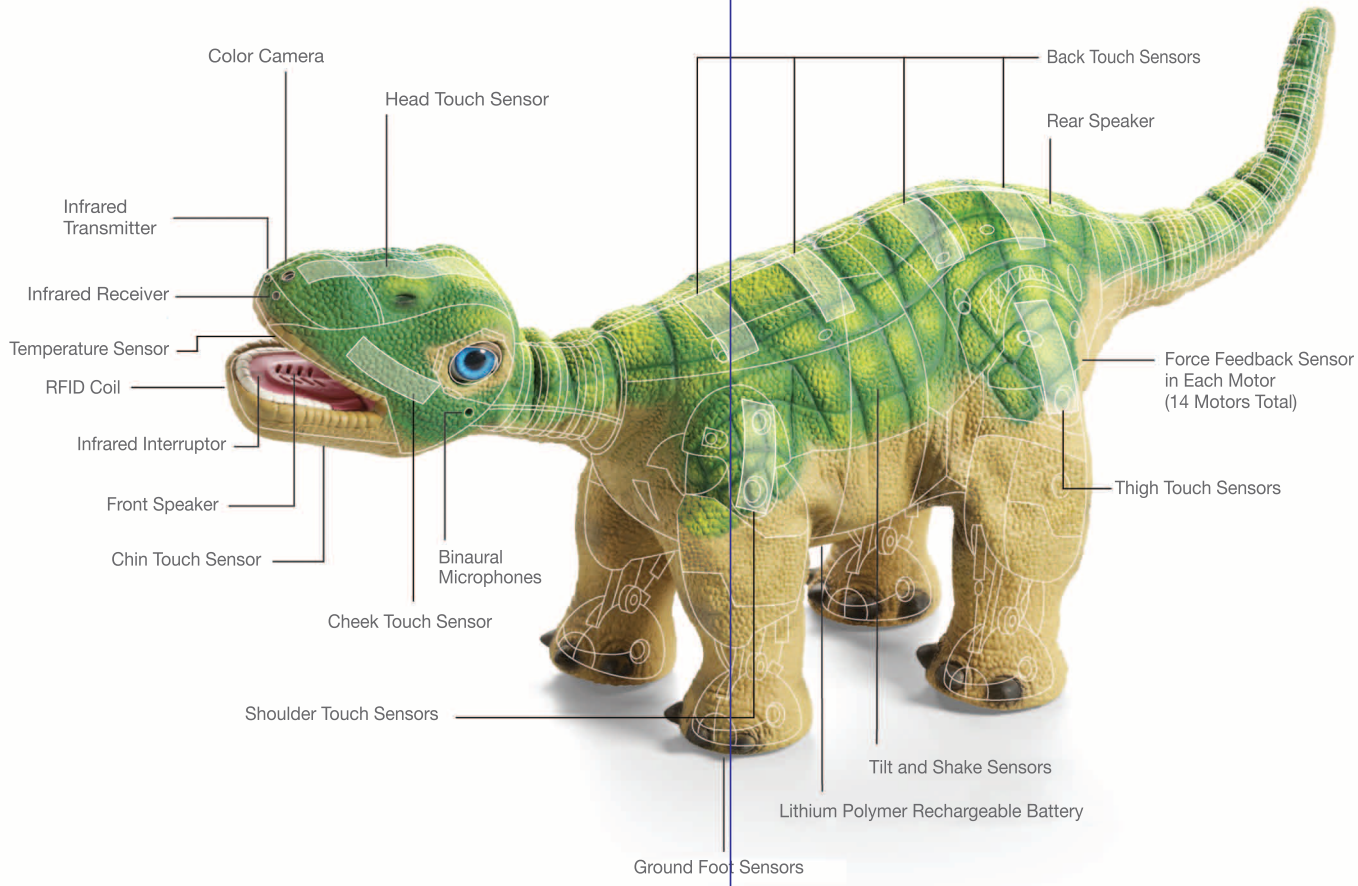
A COMPANION GUIDE

www.pleoworld.com

We can't wait for you to get started with PLEO rb! To ensure your and PLEO rb's safety, please review and abide by the cautionary guidelines below and the Warranty included in the package (the "Warranty").

CAUTIONARY GUIDELINES:

Use PLEO rb in dry, indoor locations only. To prevent electric shock, never immerse or expose PLEO rb, the battery charger base or the AC power adapter to water or other liquids. Never play with PLEO rb, the battery charger, or the AC power adapter while immersed or standing in water yourself. Do not incinerate PLEO rb or the battery pack, as batteries can explode. Do not dispose of PLEO rb's battery pack as general waste; the PLEO rb battery pack contains Lithium Polymer and must be disposed of as hazardous waste per local regulations. Never immerse the AC adapter in water or other liquids. Disconnect the AC base from the power supply before cleaning the charger base or the adapter.


Color Camera
Head Touch Sensor
Back Touch Sensors
Rear Speaker
Infrared Transmitter
Infrared Receiver
Temperature Sensor
RFID Coil
Infrared Interruptor
Front Speaker
Chin Touch Sensor
Binaural Microphones
Cheek Touch Sensor
Force Feedback Sensor in Each Motor (14 Motors Total)
Thigh Touch Sensors
Shoulder Touch Sensors
Tilt and Shake Sensors
Lithium Polymer Rechargeable Battery
Ground Foot Sensors

PRECAUTION FOR SAFE USE OF RECHARGEABLE BATTERY PACK

PLEO rb contains a special rechargeable battery pack; do not use any battery pack not explicitly designated for PLEO rb, as it may not operate correctly and may cause damage. The PLEO rb battery pack can be recharged using the included AC power adapter and battery charger base.

Do not use any other adapter or battery charger not explicitly designated for PLEO rb, as it may cause damage to the battery pack and PLEO rb.

PRECAUTION FOR SAFE USE OF CHARGER

The battery charger is to be used with the supplied PLEO rb Lithium Polymer battery pack only. Rechargeable batteries are to be removed from the toy before being charged; Exhausted batteries are to be removed from the toy. (MLP604050-2S2P 7.4V 2800mAh 20.72Wh)

by children under 12 years old or persons with impaired physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given instruction concerning use of the PLEO rb by a person responsible for their safety.

CAUTION:

The charger base is not a toy; please do not play with it. Please do not allow children under 12 years of age to use the battery charger.

PRECAUTION FOR SAFE USE OF AC POWER ADAPTER

To ensure proper operation of the adapter, read the Addendum for Adapter thoroughly before using.

Adult supervision is required when charging the rechargeable batteries.

Supply terminals are not to be short circuited.

CAUTION:

The AC power adapter is not a toy; please do not play with it. Please do not allow children under 12 years of age to use the AC power adapter.

GENERAL MAINTENANCE

Always unplug the AC power adapter from the power supply when not in use.

Charge the battery pack once a month when PLEO rb is not in use for a long period of time.

Periodically examine PLEO rb, the battery pack, the battery charger base, and the AC power adapter, for potential hazards such as cracked, damaged, or broken parts, especially the cord, plug and enclosure.

If the battery pack, charger base or AC power adapter needs some care or repair, please do not use until repaired or replaced.

Refer to the Warranty included in this package for repair or replacement information.

LET S CARE FOR THE ENVIRONMENT!

The wheelie bin symbol indicates that the product must not be disposed of with other household waste. Please use designated collection points or recycling facilities when disposing of the item.

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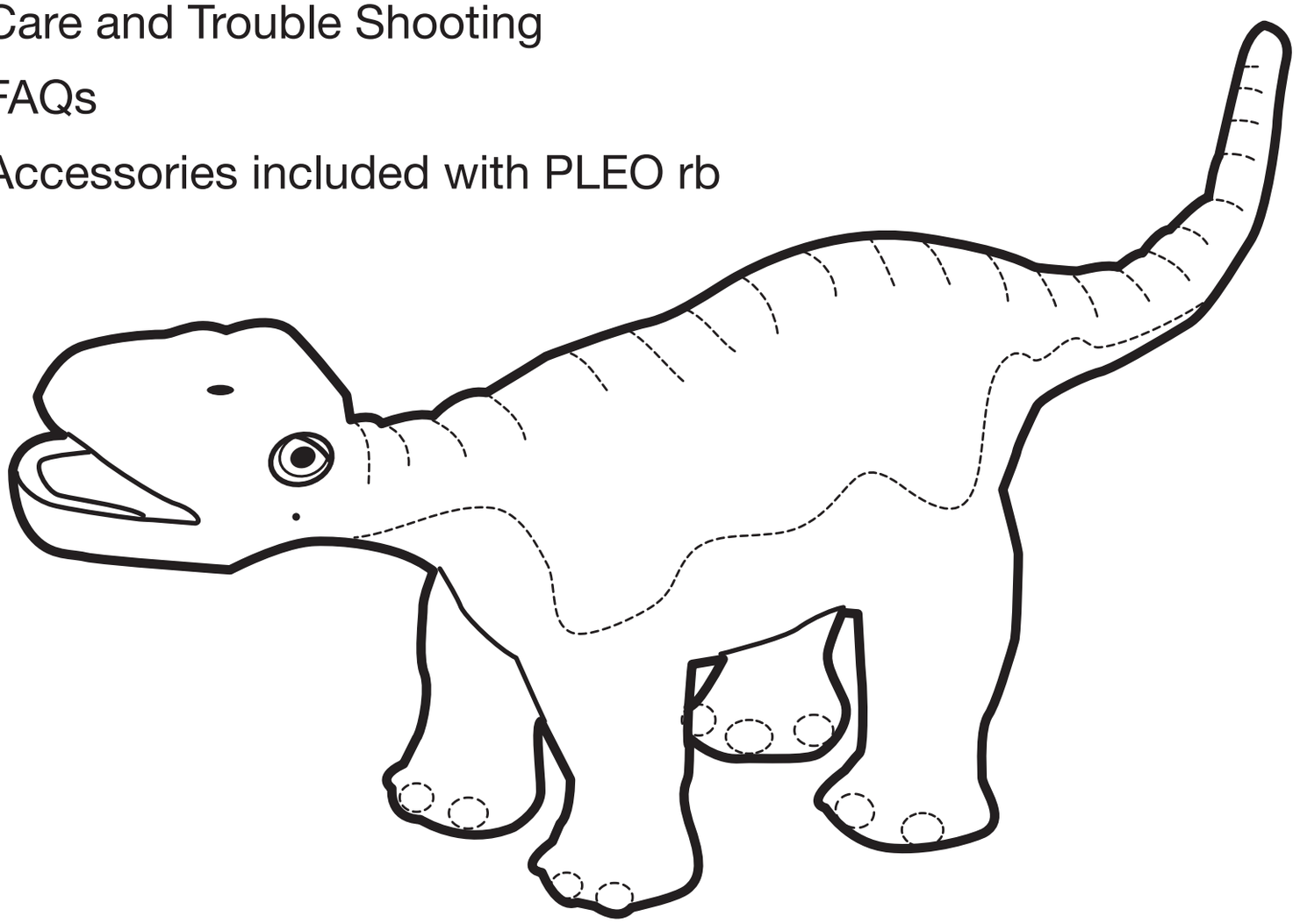
- Care and Trouble Shooting
- FAQs
- Accessories included with PLEO rb



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Welcome

Congratulations!

We are thrilled to introduce you to **PLEO rb**! You are now the proud owner of **PLEO Reborn**, an Innvo Labs Life Form.

All of us at Innvo Labs are passionate about creating robotic Life Forms that inspire emotional and lasting connections with people.

After a thorough study of PLEO at Innvo Labs, our scientists were able to isolate and repair a gene which allowed us to rebuild PLEO's physical and mental systems.

PLEO is reborn as PLEO rb!

In addition to multiple skin and eye color versions, PLEO rb has been reborn with the abilities to learn, to be responsive and to interact with its environment and you.

This guide will help you get started and have a brief understanding about PLEO rb...but it won't tell you everything about PLEO rb—it can't!

You will see PLEO rb has evolved and is an autonomous creature with a complex software architecture that enables it to:

- Learn and understand your verbal commands
- Express moods and emotions
- React to special PLEO rb food, learning stones and toys
- Know the time of day

- Sense hot and cold
- Be more touch sensitive
- Have a better sense of motion and orientation
- Respond to you and the environment

Keep a Plog (a PLEO rb Blog). Track your PLEO rb's experiences and set of behaviors on www.pleoworld.com. Compare notes with others in the PLEO community. And let us know what you discover!

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The 3 Laws of Life Forms

Life Forms must:

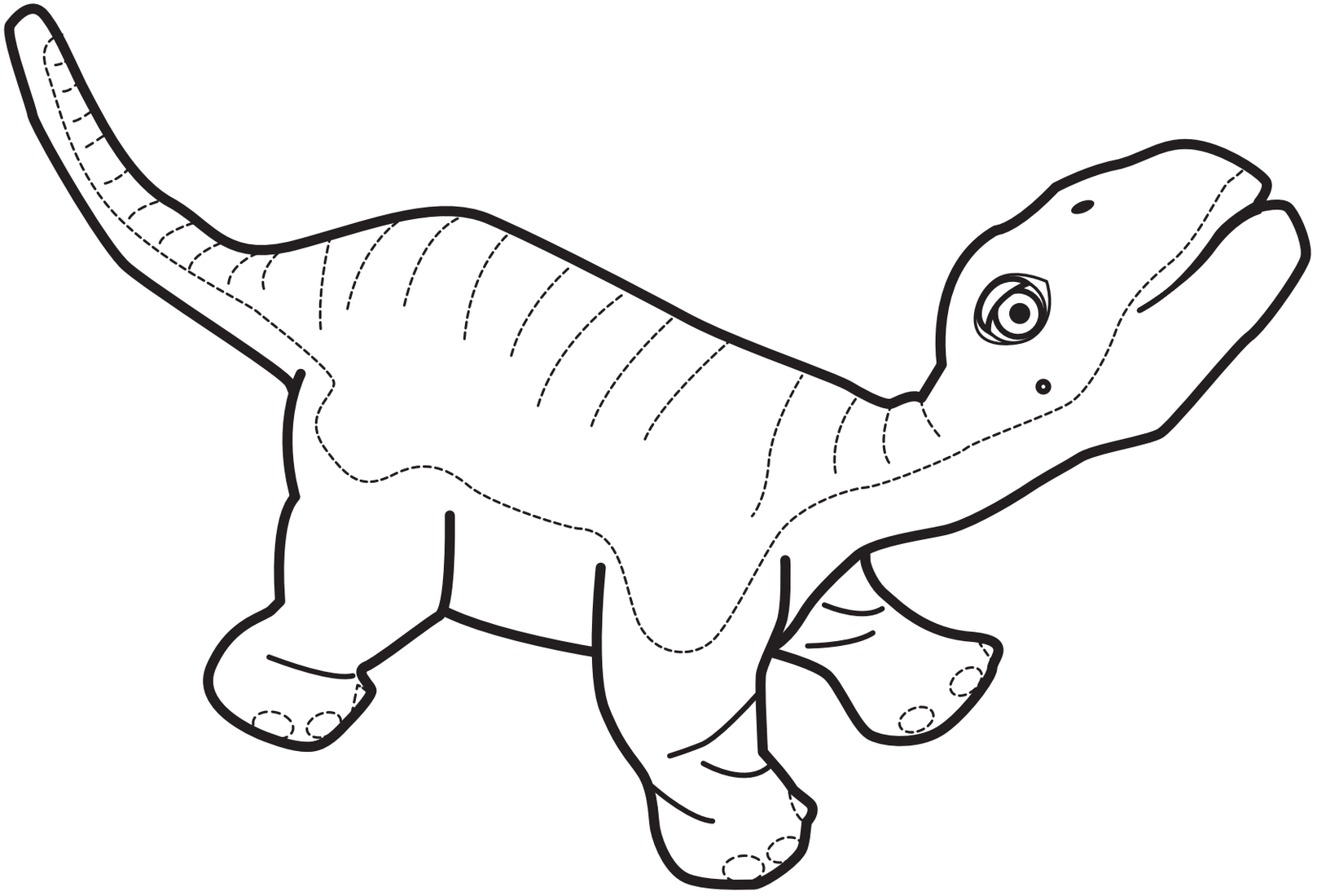
1. Feel and convey emotions
2. Be aware of themselves and interact with their environments
3. Learn and evolve over time

Before You Get Started

1. **READ** this Companion Guide.
2. **CHARGE** PLEO rb's battery for at least 3 to 4 hours before first use.
3. **REGISTER**
    - Online at www.pleoworld.com using the serial number located on the bottom of PLEO rb's front right foot or on your PLEO rb Identity Card.
    - By mail with the enclosed Registration Card. Fill out and mail to Innvo Labs Limited. P.O. Box 301, Fanling Post Office, Hong Kong SAR, China.
4. **CHECK** for important software updates on www.pleoworld.com.
5. **KEEP** your original sales receipt for warranty purposes.

Contact Us

PLEO rb is a technically advanced product, and your experience is very important to us. If you have concerns about PLEO rb 's functionality we would like to hear from you. Please contact Innvo Labs Customer Service before you consider returning PLEO rb to the place of purchase. You can reach us at www.pleoworld.com/support or call the PLEO rb service line listed in the Customer Support Information document included.



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Getting Started With PLEO rb

What s in the Box

1. PLEO rb
2. QuickStart Guide
3. Companion Guide
4. Lithium Polymer Rechargeable Battery, Charger and AC Adapter
5. USB Cable
6. Clock Battery (CR2032)
7. Warranty
8. Registration Card
9. Accessories:
    - PLEO rb's ID card
    - "BOW" verbal command Learning Stone
    - Conifer leaf
    - Mint leaf
    - Training leaf (yellow/green/red)
    - Rock salt
    - Tug of war
    - Cape

Note: the Micro SD card slot and USB socket are located inside PLEO rb's battery compartment.

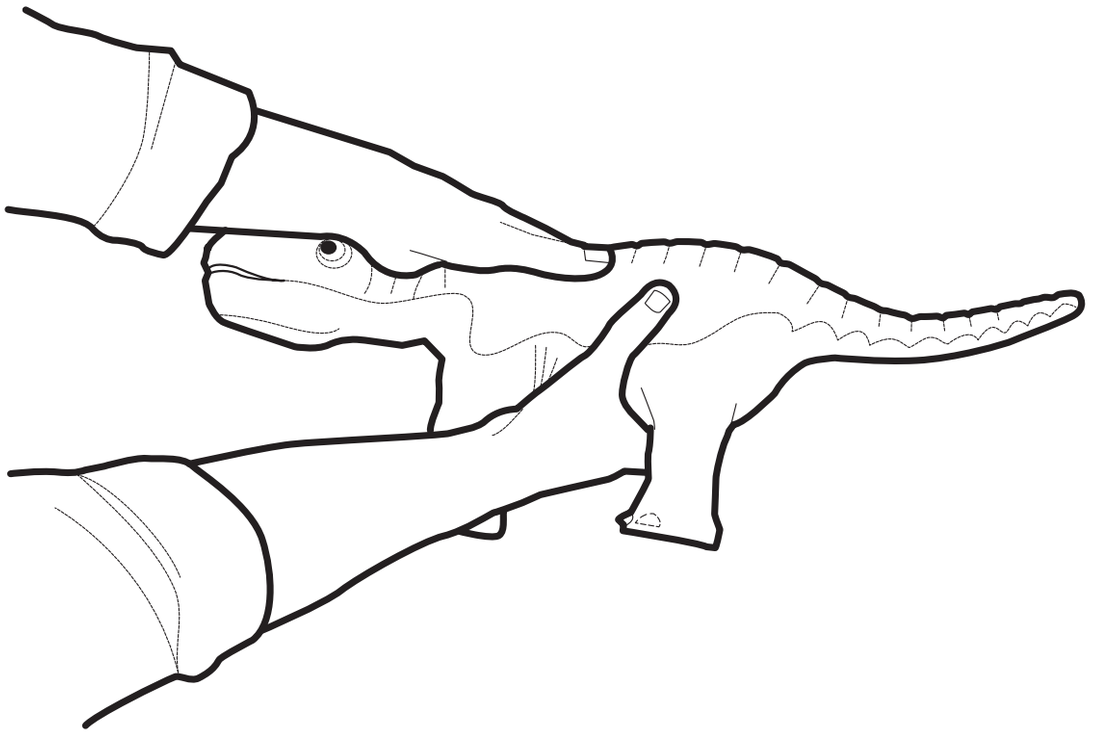
Handling PLEO rb

Like any newborn pet, PLEO rb must be handled with the utmost care. Remember that it is a highly sophisticated, state-of-the-art Life Form.

Some very important DO s and DON Ts:*

Please DO:

- Place a supporting hand under PLEO rb's belly when picking it up.



- Treat PLEO rb as you would treat any living creature—with care and respect.
- Turn PLEO rb off (press and hold the ON/OFF button for 4 seconds) then store PLEO rb in a safe place in a standing position. During transportation or long periods of storage remove the battery and place PLEO rb in its original packaging.

Please DON T*

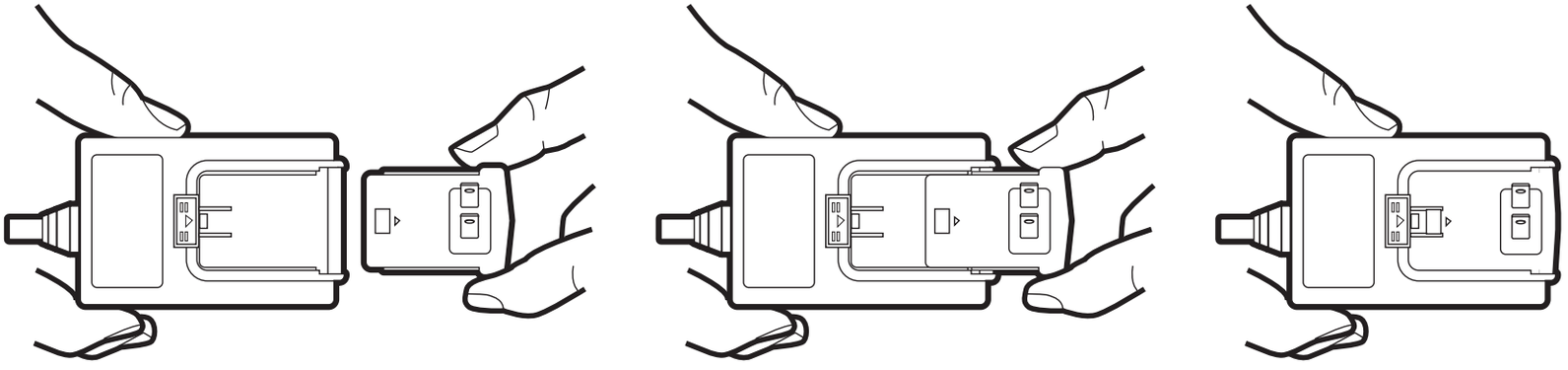
- Abuse PLEO rb
- Get PLEO rb wet
- Drop or violently shake PLEO rb
- Sit on PLEO rb
- Place PLEO rb near heat or flames
- Expose PLEO rb to continuous sunlight or high heat lights
- Place PLEO rb in sand, soil or mud
- Leave PLEO rb with pets or animals capable of biting or damaging it
- Risk overheating PLEO rb
- Allow small children under age 12 to play with PLEO rb unsupervised

Note: Failure to abide by these guidelines may void the Warranty.

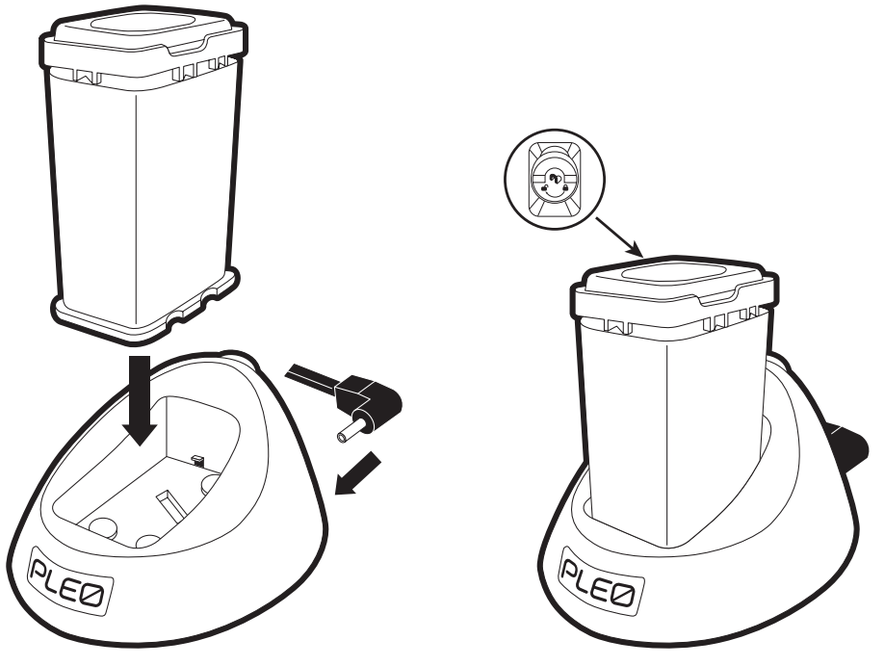
Charging PLEO rb s Lithium Polymer battery

As a new PLEO rb owner, please charge PLEO rb's battery right away.

1. Select the right plug for your AC socket and insert it into the 100 to 240 VAC power adapter. Make sure it is properly locked in place before plugging it into the power socket.



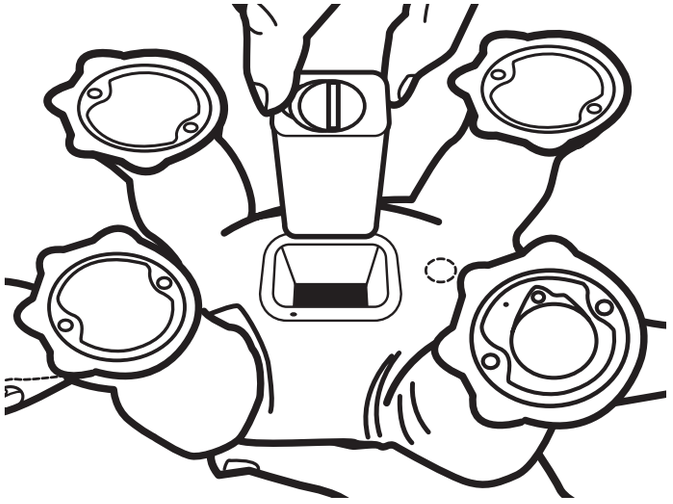
2. Plug AC adapter jack into charger cradle and plug into a wall socket. Place battery securely into charger cradle.

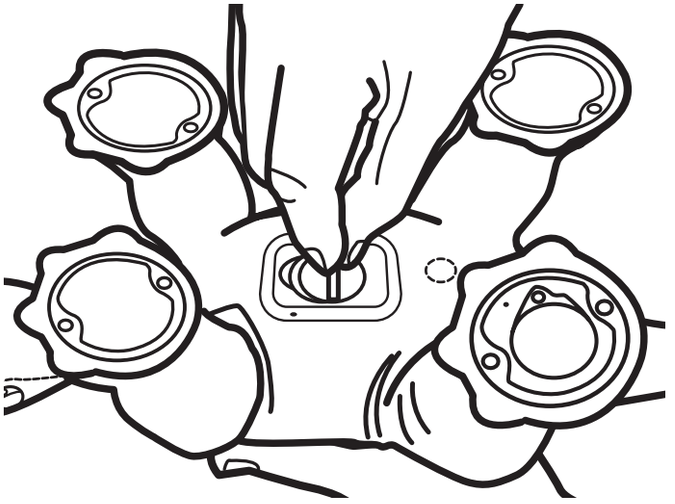


The typical charge cycle is 3 to 4 hours. The “PLEO” logo on the charger will illuminate green when charging is complete. In hot (+95°F) or cold temperatures (+32 °F), the battery may not charge.

Indicator Light	Status
Red	Actively charging
Green	Charging complete
No Light	Check power to charger cradle and make sure battery is seated properly.
Flashing/ Blinking	Battery not seated properly. Make sure it is securely placed in the charger.

3. Push button on back of charger cradle to release battery when fully charged.
4. Insert battery into the battery compartment in PLEO rb's belly. Lift up the semi-circular key of battery cover. Twist counter-clockwise to lock in place. Fold down semi-circular key.



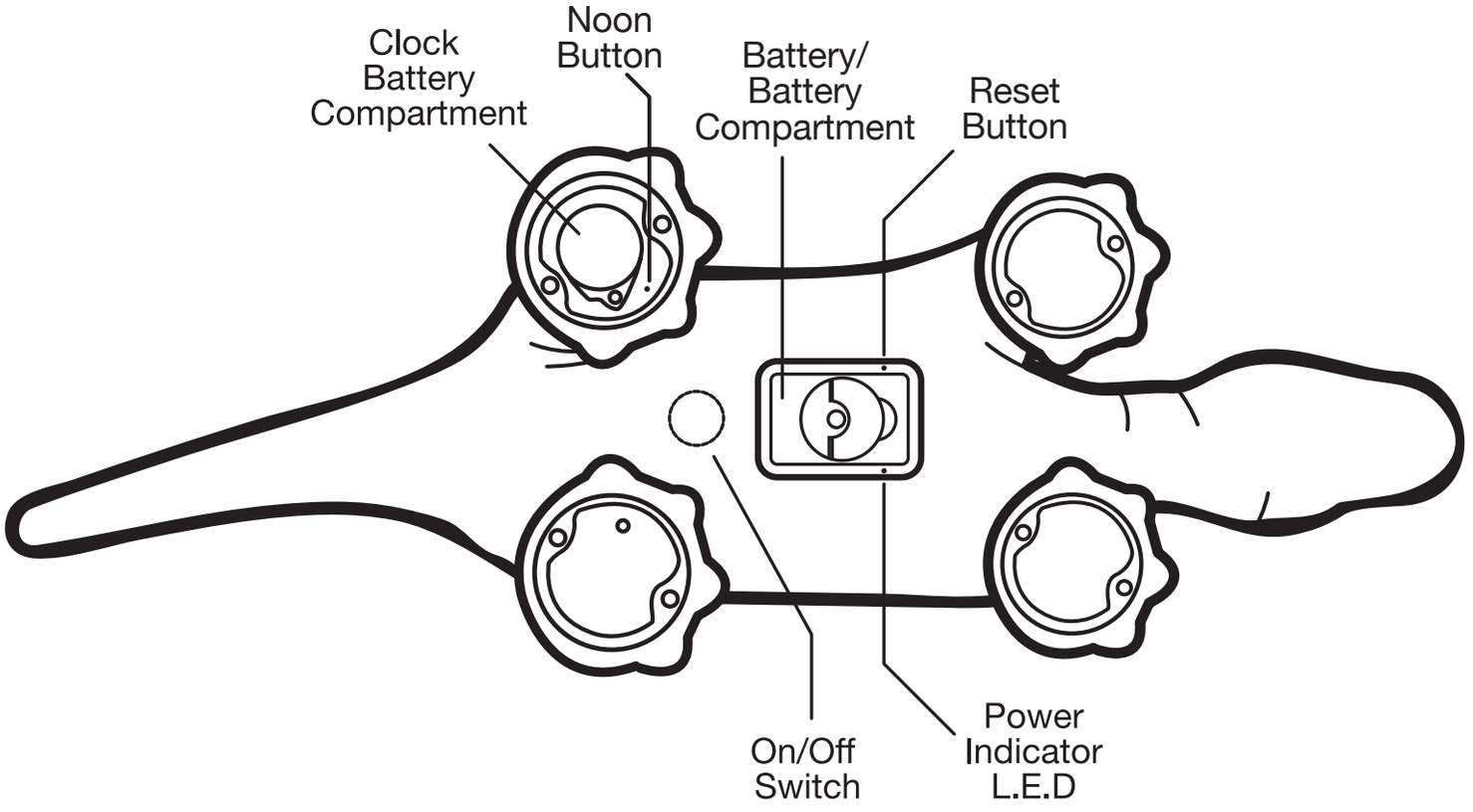


5. Press the ON/OFF button located beneath PLEO rb's belly skin for 2 seconds–the power indicator LED will light up "green."
6. To control PLEO rb's sound volume, press the ON/OFF button once for "Mute," a second time for "Soft Volume" and a third time for "Normal Volume."
7. Press and hold the ON/OFF button for 4 seconds to turn off your PLEO rb (the power indicator LED will also turn off).

Note: After power is turned on, it may take 10- 15 seconds for PLEO rb to wake up

The switches, power indicator and Micro SD card reader

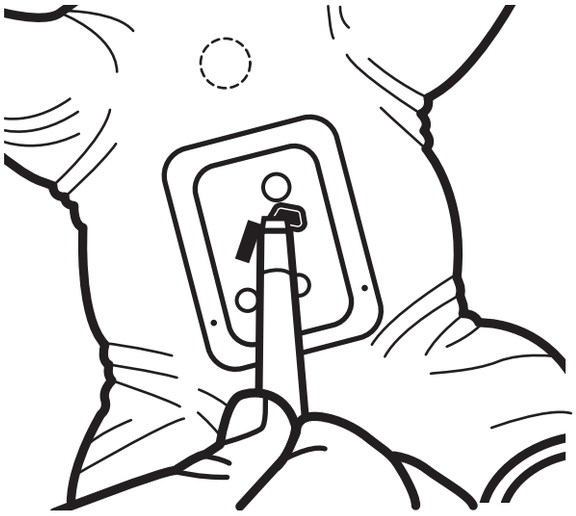
- **ON/OFF button:** Press and hold for 2 seconds to turn on PLEO rb. Press and hold for 4 seconds to turn off PLEO rb.
- **Power indicator LED:**
  Green–PLEO rb is awake and battery level is normal
  Red–PLEO rb is awake, but battery level is low
- **“Noon” set button:** Press the button to let PLEO rb know it is noon your time, so that PLEO rb matches its internal clock to yours



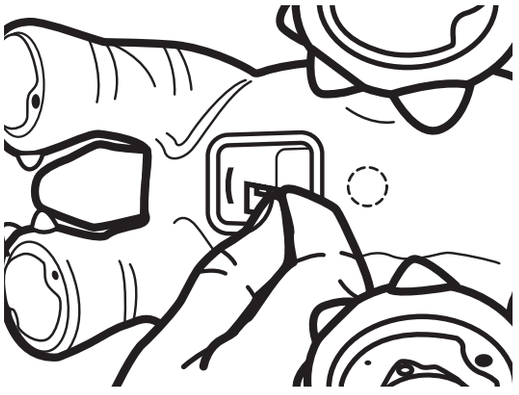
Note: There is a battery power source for PLEO rb’s internal clock that will last approximately 3 years. If you find your PLEO rb getting confused with the time of day replace the battery (CR2032) by removing the screw and battery cover and installing a new battery with the “+” facing the battery cover side, then reinstall the battery cover and the screw (firmly), please refer to Page 64 for details.

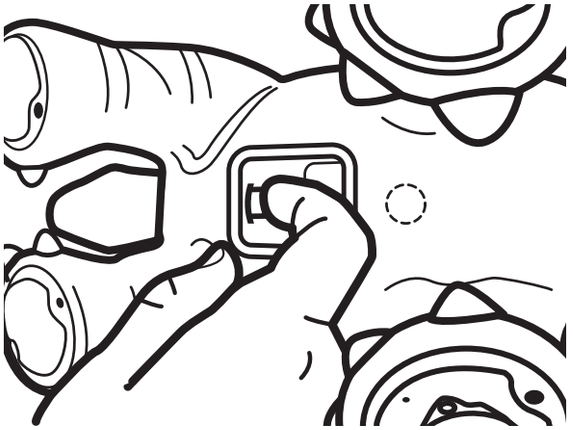
USB Socket Micro SD Card Reader

- **USB Cable Installation:** you can connect your PLEO rb to your personal computer with the cable provided, through the USB socket located inside the battery compartment.

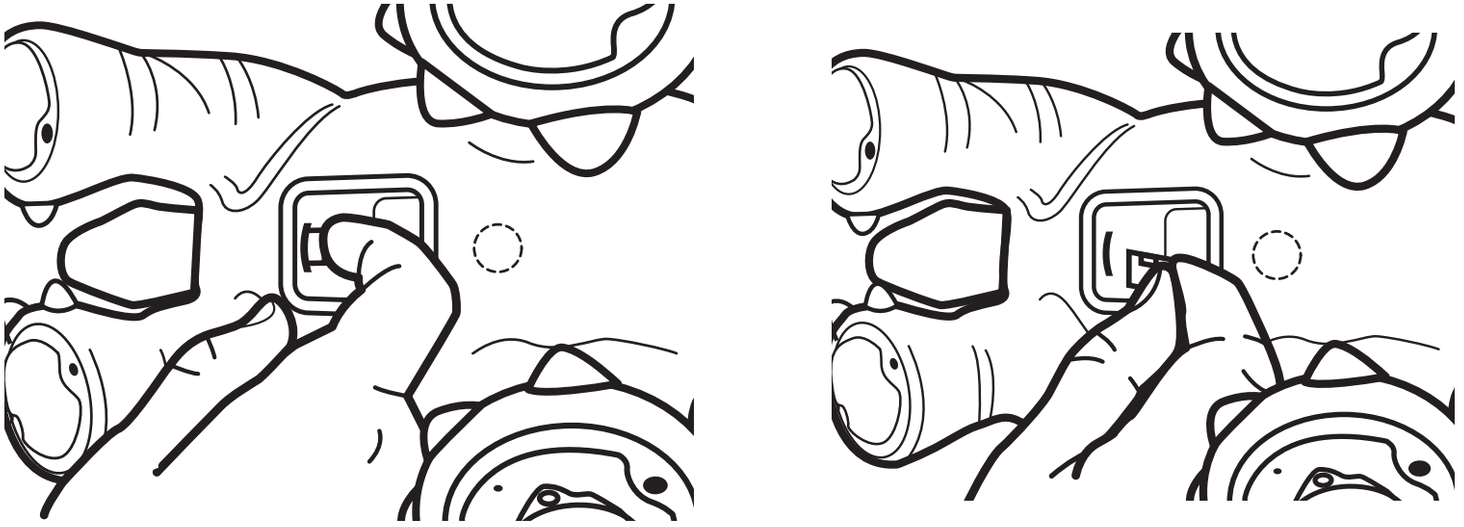


- **Micro SD Card Reader:** insert a Micro SD card into the Reader slot located on the side wall of the battery compartment. The Micro SD Reader is keyed so the card can only be installed one way. Press the card in until you feel a click. Most of PLEO rb's software downloads can be completed using the Micro SD Card Reader.

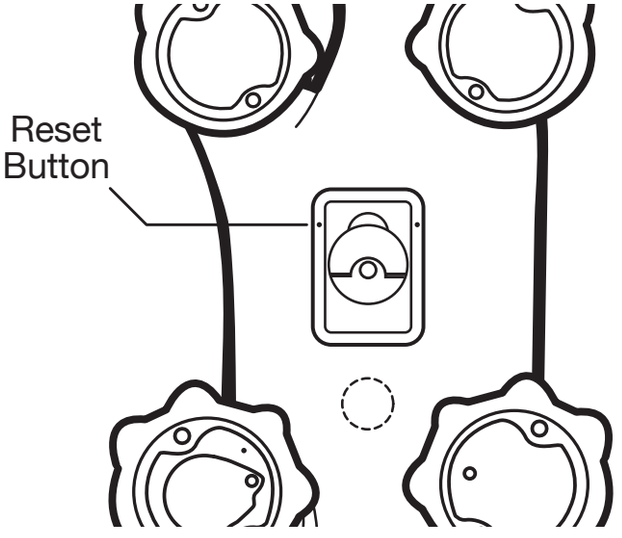




Eject the SD card from the Reader by pushing on the card until it stops, then by quickly releasing it, the connector will push the card out of the Reader.



- **Reset button:** a backup switch for restarting Pleo rb. Pressing the button resets the processors and will not reset PLEO rb to the newborn stage.



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Getting Acquainted

Life Stages

PLEO rb has four life stages, and its progress depends on your level of interaction. Listen for the first sounds, look for the first steps, watch how PLEO rb adjusts to its environment. As PLEO rb progresses through each stage, it exhibits a broader range of movement and behaviors.

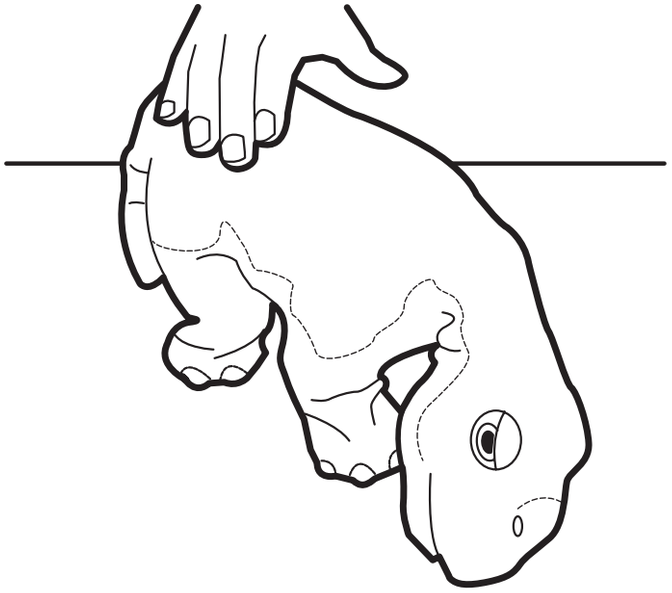
The Four PLEO rb Life Stages

Stage 1 Newborn

In the first few hours, PLEO rb's activities are limited to eating and sleeping.

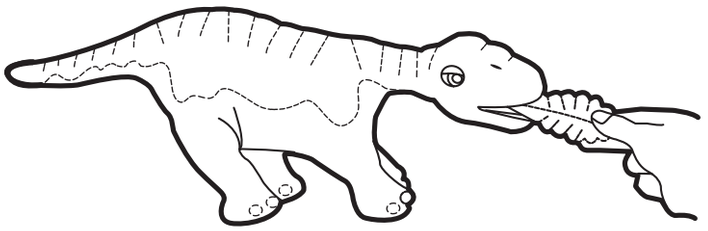
What to Expect

PLEO rb opens its eyes to both you and the world for the first time. It starts to adapt to the environment. It is very slow, and its sensors are not responsive yet. The more you pet and nurture PLEO rb in this stage the more confident it becomes and the faster PLEO rb will develop. PLEO rb is finished "Hatching" when it is fully awake and stands up on all four feet.



Stage 2 Socialization Development

For the next few days, PLEO rb learns to see, hear and feel the surrounding environment and to interact with you.

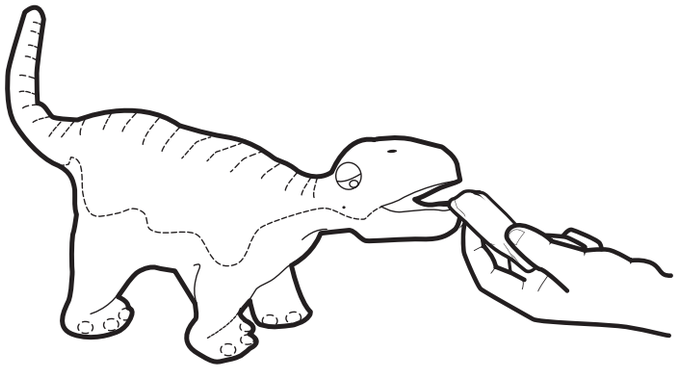


What to Expect

PLEO rb starts to exhibit basic behaviors and needs. It feels hunger and wants to be fed. It starts to walk and explore its environment, and takes shorter naps if you are playing with it. It begins to exhibit a wider range of emotion in response to interactions with you.

Stage 3 Juvenile and Learning

As PLEO rb begins to form its character, you can begin teaching it verbal commands. Positive interaction will positively affect its temperament, obedience and learning abilities.



What to Expect

Expanded capabilities to learn verbal commands like its name, using the ID card, and “BOW,” using the included Learning Stone.

Stage 4 Mature

For years to come, PLEO rb will learn through the interactions with you and the training you provide it. It will continue to build its own individual character and behavior as time goes by and will exhibit a full range of body movements and social behaviors.

What to Expect

PLEO rb begins and continues to assert its personality and its emotion, mood, health and physical conditions depending on how you treat it.

PLEO rb will be happy, healthy and energetic if you feed it on time, play with it regularly and take care of it properly.

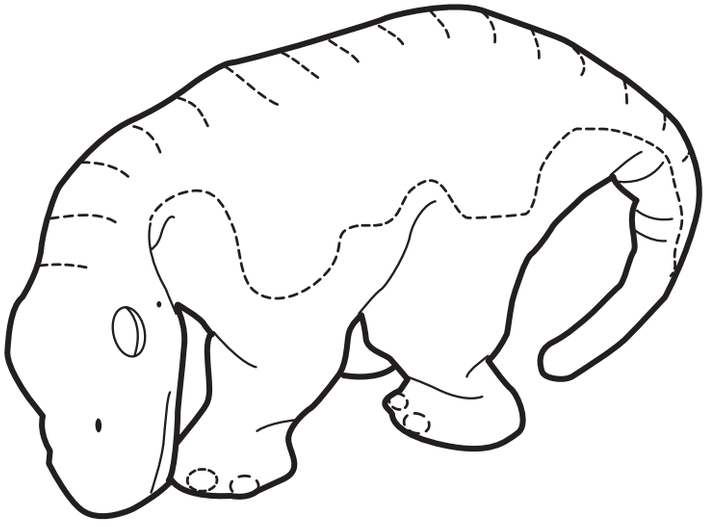
On the other hand, like living pets, PLEO rb may get sick, injured, sad, scared or exhausted if its not properly taken care of or is mistreated by dropping it, leaving it in the dark, hitting it, failing to feed it on time, giving it too many snacks or putting it in a cold or hot environment for too long. If these conditions occur, you will need to take “remedy” actions such as petting it, feeding it with healthy food or medicine (herbs), or letting it rest to help it recover.

Please visit www.pleoworld.com to see other food and nutrient supplies for PLEO rb. You can’t go wrong (aside from physically mistreating PLEO rb), so take your time to observe, play and learn about PLEO rb.

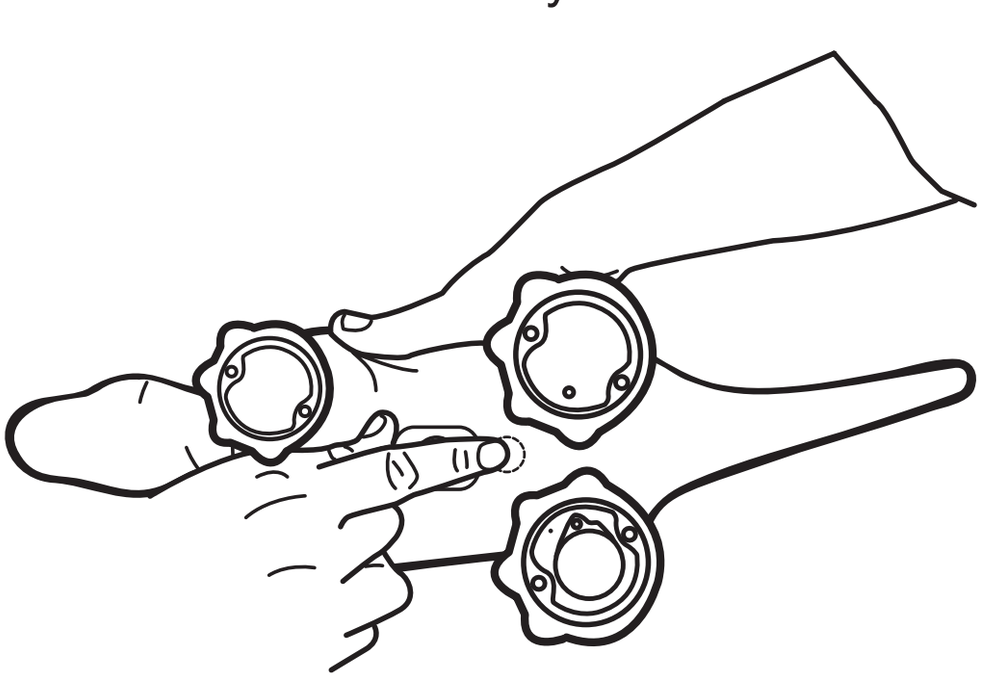
Note: As PLEO rb ages (some years later) as with living pets, it may start to walk slower, be less willing to play and demand longer rest periods.

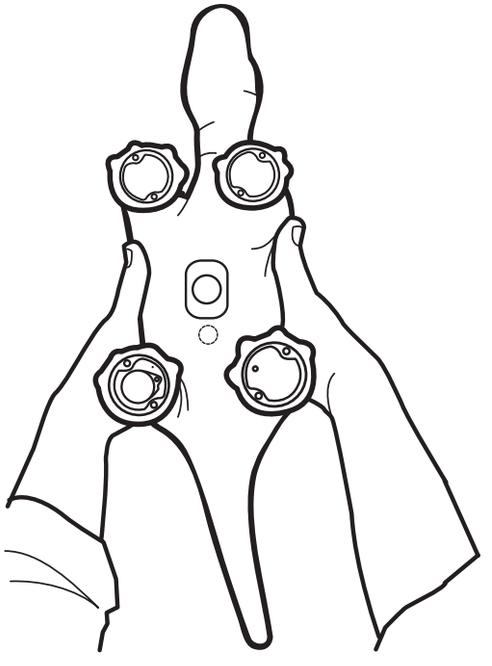
Waking PLEO rb

Now that PLEO rb is fully charged, it's time to wake PLEO rb up for the very first time!

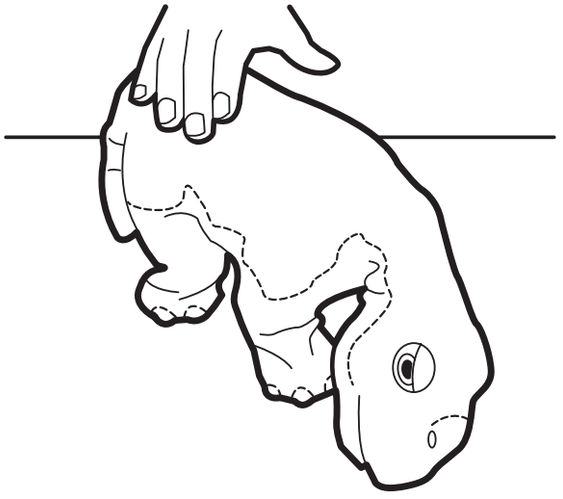


1. Make sure PLEO rb is powered ON. Press the ON/OFF button located beneath PLEO rb's belly skin for two seconds and ensure the "power" indicator LED lights green. Press and hold the ON/OFF button for 4 seconds to turn off your PLEO rb.

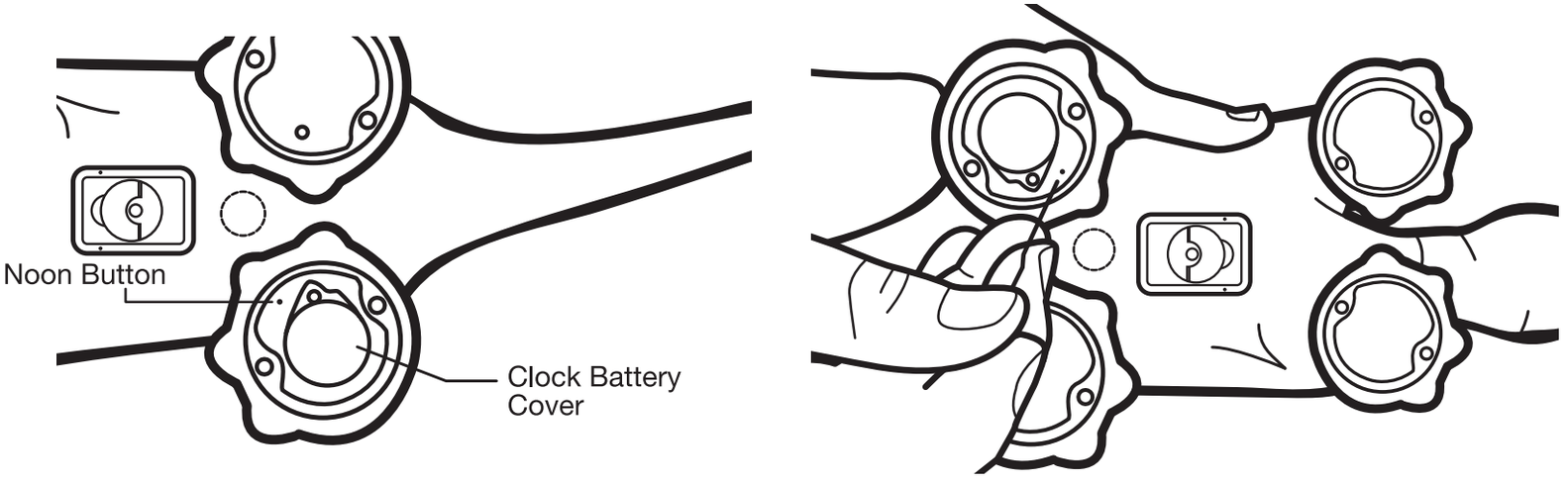




2. Place a hand on PLEO rb's back and gently pat it.

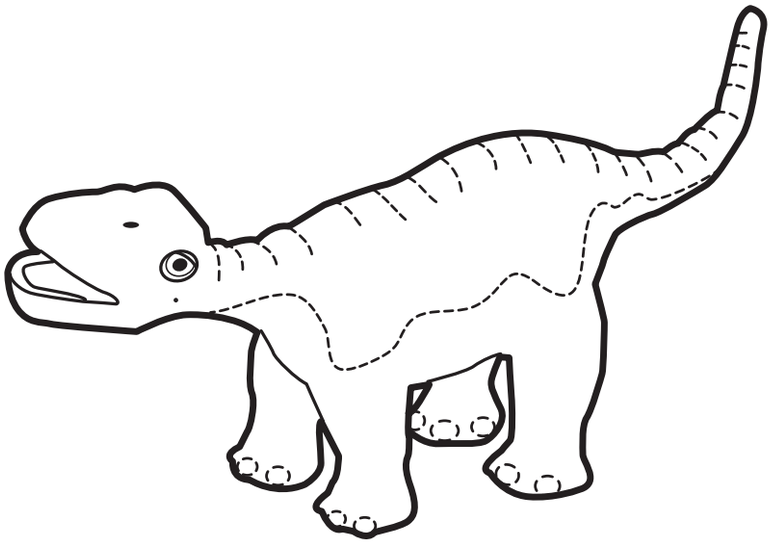


You will have to let PLEO rb know your time so it will set its internal clock according to yours. Press the "Noon" set button for 2 seconds when it is noon your time to tell PLEO rb it's noon. You may have to do this again if you take PLEO rb to another time zone.



PLEO rb will sleep at night (from 10 pm to 8 am, for example) and will be unwilling to play or respond during its sleeping hours. PLEO rb will keep this sleeping behavior through its newborn and mature stages.

3. Please know that PLEO rb might not fully wake up at first. Invite PLEO rb to open its eyes to see the world by petting, touching, and talking to it. PLEO rb might not know exactly what you are saying at the newborn stage, but it can certainly feel your touch!



PLEO rb is awake when it starts to exhibit all the signs of a newborn Life Form. In the first few days, you may see it:

- Open its eyes, blink a few times, and look around at its new environment
- Stretch and let out a cry
- Cry and ask for food when it's hungry

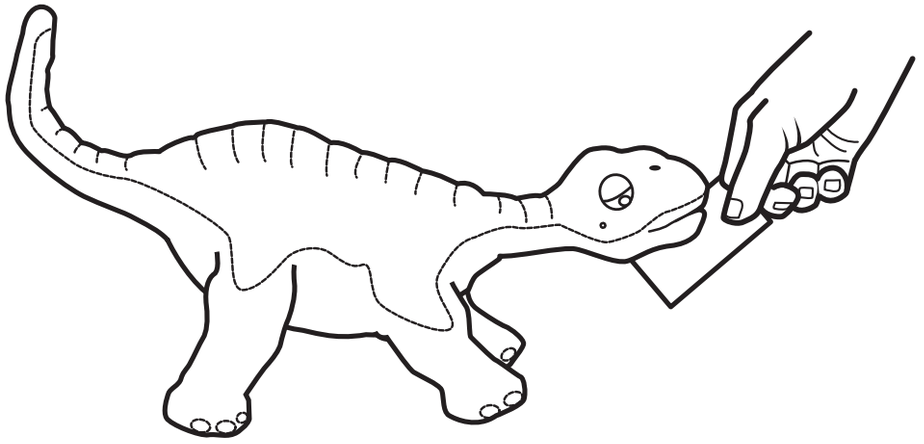
Most of the time, PLEO rb is sleeping and resting. After the newborn stage, you may see it:

- Take its very first shaky and tentative baby step!
- Start to explore its environment
- Take shorter naps if you are playing with it
- Start to exhibit a wider range of moods and emotions in response to interaction with you

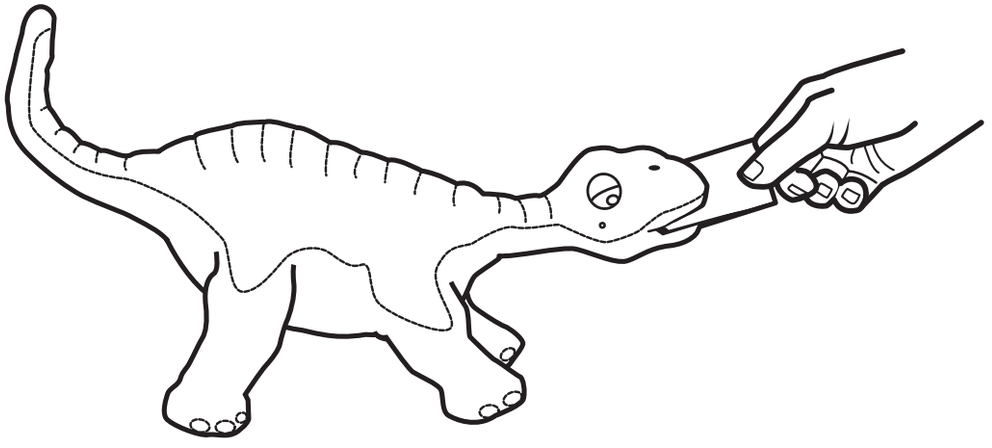
Naming Your Pleo

When PLEO rb exhibits its juvenile behavior, it may be ready to learn. The first thing PLEO rb should learn is its new name, and it is eager to learn it.

1. Show PLEO rb the ID card that is included in the package by placing it in front of PLEO rb's nose so it can smell it.

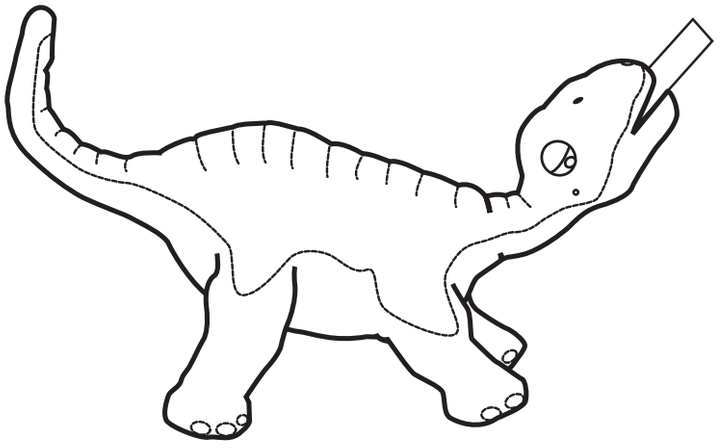


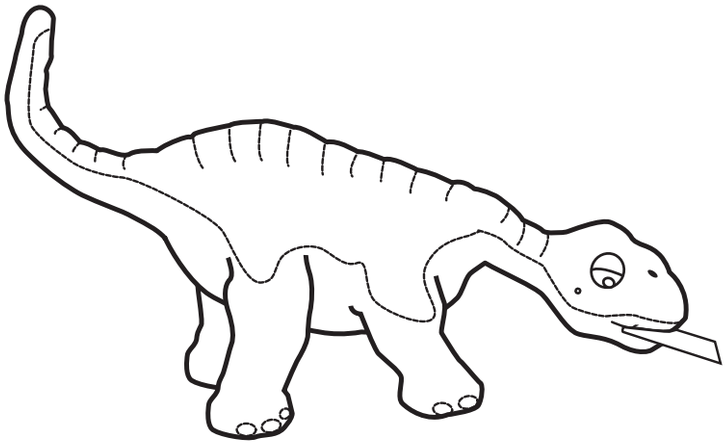
2. After PLEO rb senses the ID card it will wag its tail, stand still and open its mouth.



3. Place the card in its mouth and PLEO rb will close it to hold the card while making happy sounds, swing its head back and forth, then stand still and look at you, waiting to hear the name you've chosen for it.

4. Say PLEO rb's name loudly and clearly. If it's able to hear its name it will move, then stand still and look at you again and wait for you to say its name once more for confirmation.





5. If PLEO rb successfully learned its name it will wag its tail, swing its head back and forth, and release the ID card.

If your PLEO rb has a problem learning its name, try the sequence again.

If you try several times without success, the room is too noisy or your PLEO rb is not ready, so try again later in a quieter place.

You can rename your PLEO rb whenever you wish by repeating the naming process.

Note: You can discontinue the naming process by pulling the ID card from PLEO rb's mouth when it's standing still and looking at you.

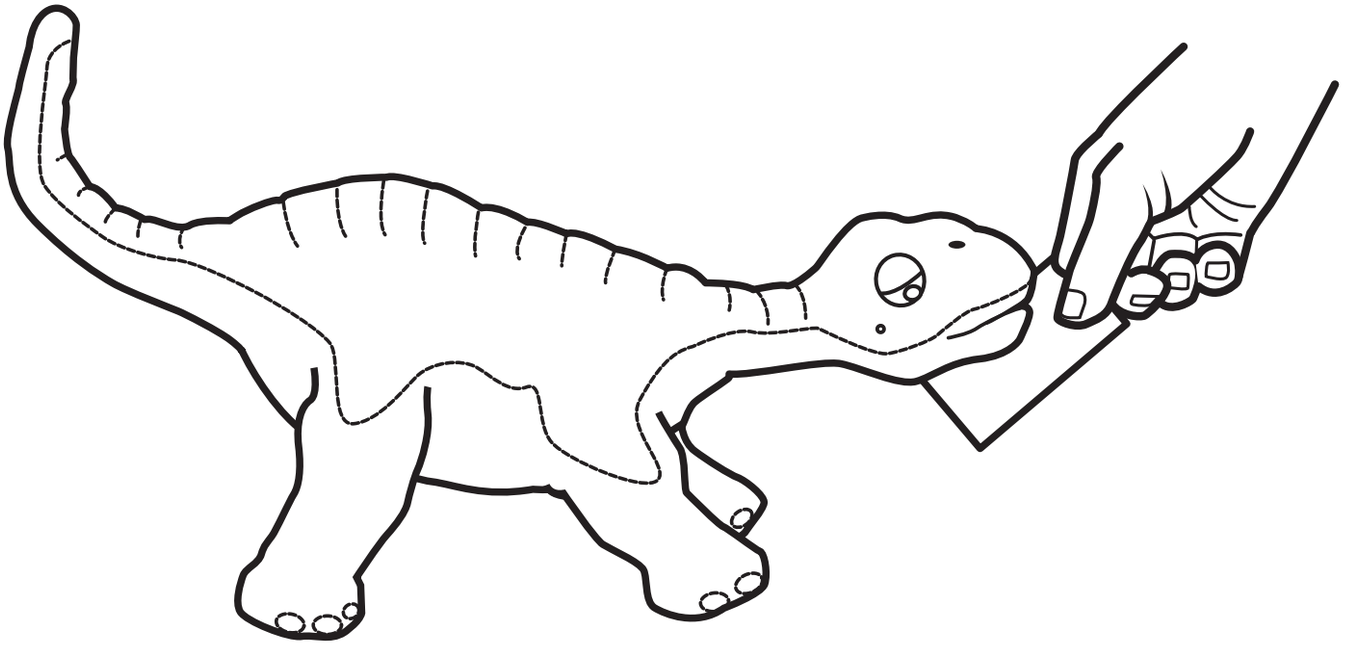
Interacting with Pleo

PLEO rb is a complex learning Life Form capable of feeling and perceiving. Explore how PLEO rb's sensory abilities enable it to see and sense both touch and motion.

Sight:

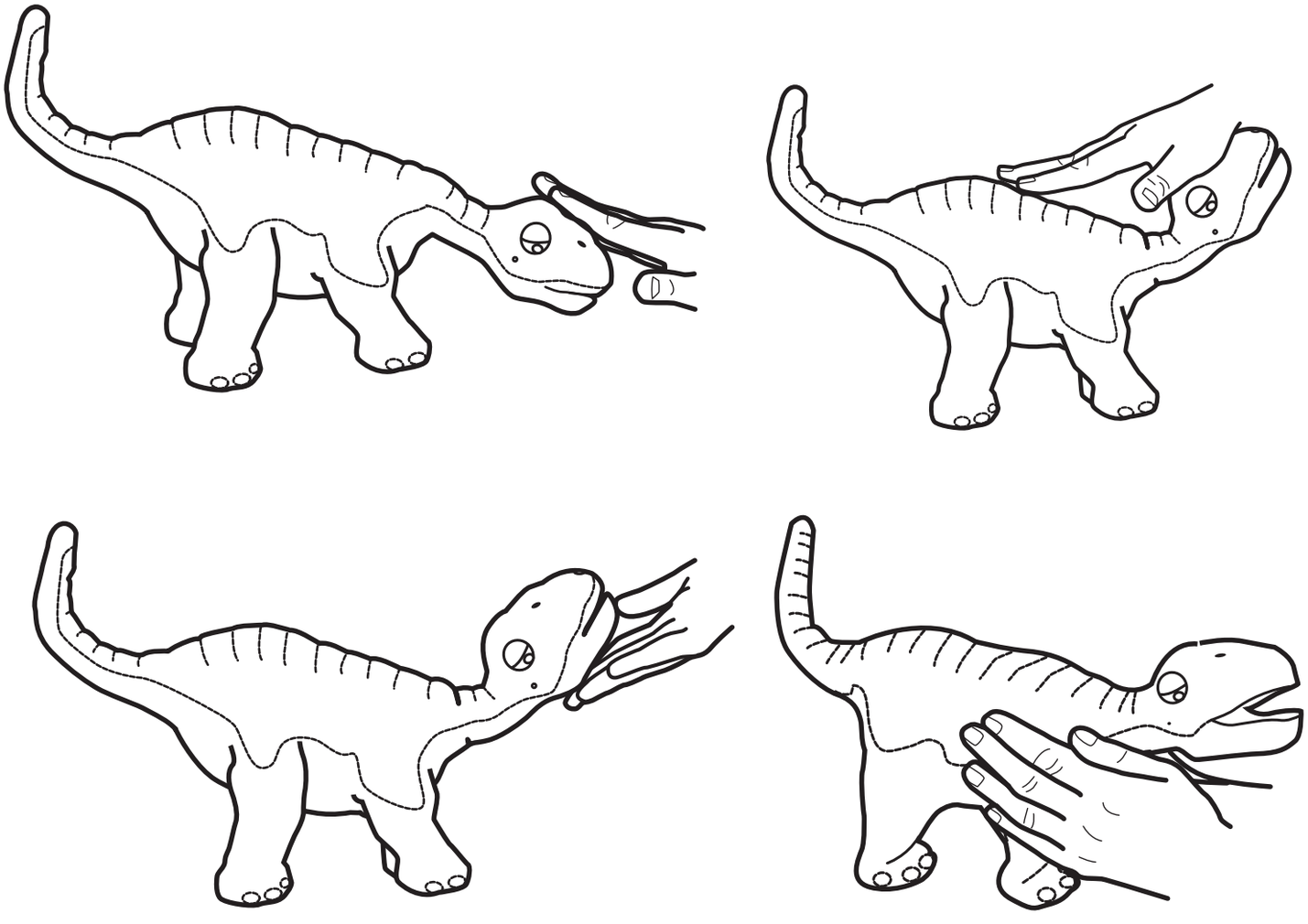
PLEO rb is able to detect objects in its path.

PLEO rb is able to read special PLEO rb Birthday and Christmas cards and will hum "Happy Birthday" and "Jingle Bells" when it sees the card. (These cards are sold separately)



Touch:

PLEO rb knows various kinds of touch interactions, such as touching, patting, petting and hitting. PLEO rb **likes** to be touched, patted and petted.



PLEO rb **doesn t like** to be hit but it knows “hit” is a negative acknowledgement. Have fun exploring how PLEO rb reacts to being touched on it head, chin, back, and legs. Try touching various parts of its body at the same time.

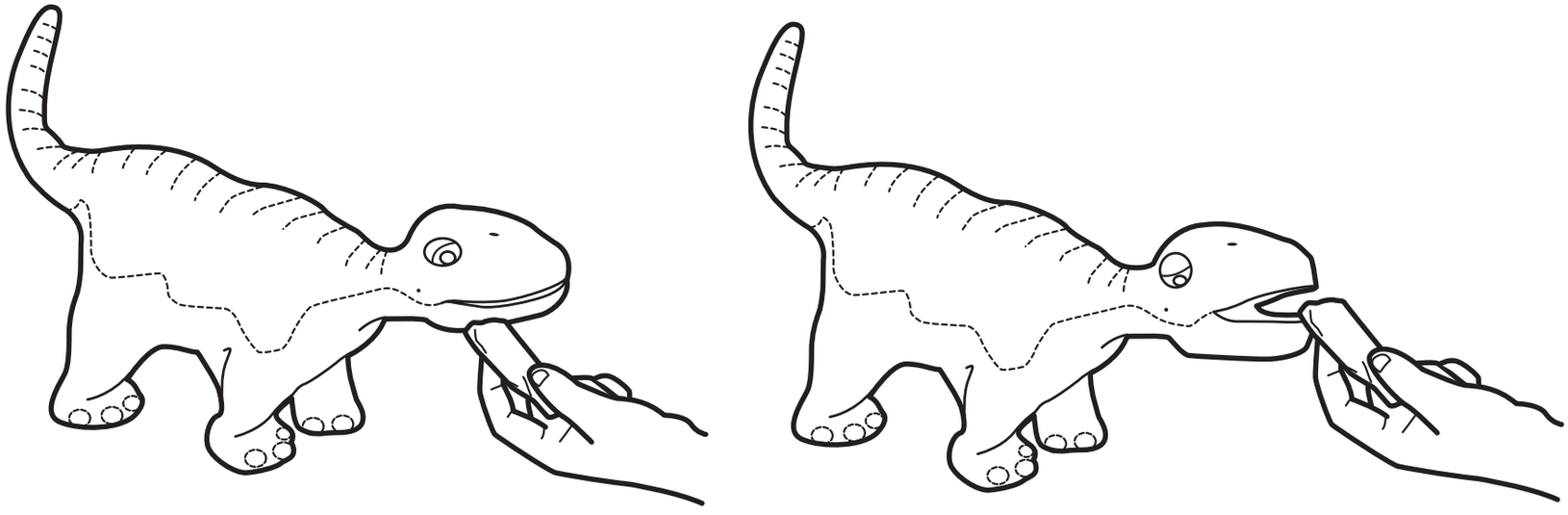
Hearing:

In a quiet environment, PLEO rb can hear sounds and knows where the sound comes from (left or right). Also after training, PLEO rb will understand verbal commands.

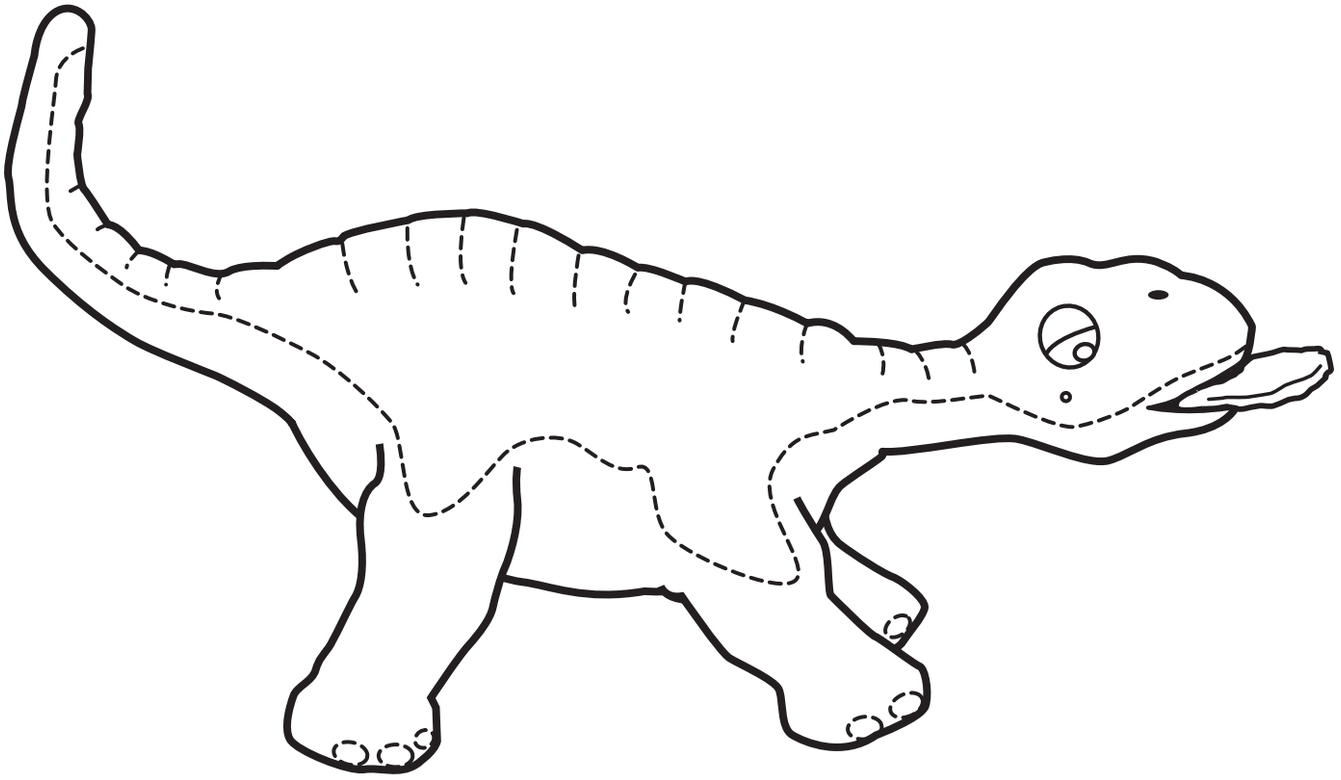
PLEO rb can be trained to listen and memorize your verbal command “BOW” with the PLEO rb verbal command Learning Stone (included in the box).

PLEO rb can recognize the special Learning Stones for each of the verbal commands (see the pictorial symbol engraved in the Learning Stone).

1. Like learning its name, if PLEO rb senses a Learning Stone, it will respond by wagging its tail, then stand still and look up at you. You should then put the Learning Stone in its mouth and PLEO rb will sound happy and swing its head. Then it will look at you to say the verbal command.



2. Now speak clearly and loudly the verbal command in your language. If it is able to hear the verbal command it will move, then stand still, look at you again and wait for you to say the verbal command again for confirmation. If it successfully memorized the verbal command, it will wag its tail and act very excited by swinging its head, then look down and release the Learning Stone.

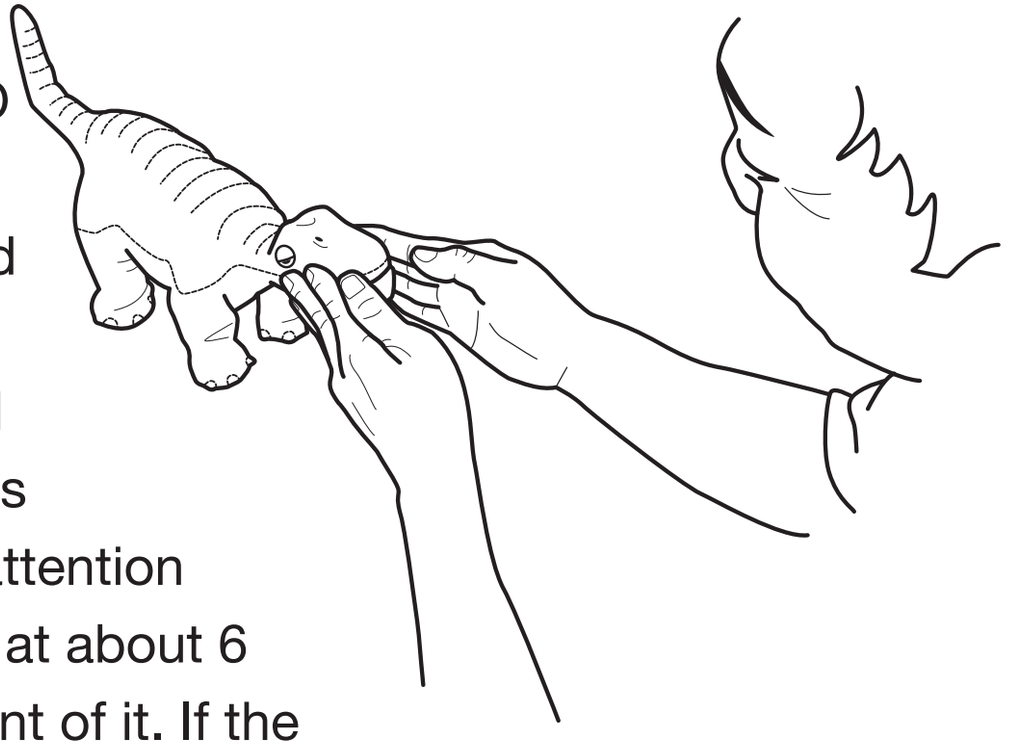


3. If PLEO rb has a problem learning a command, try the sequence again.

If you try several times without success, either the room is too noisy or PLEO rb is not yet ready to learn. Try again later or in a quieter place.

Note: You can discontinue the verbal command learning process by pulling the Learning Stone from PLEO rb's mouth when it is standing still and looking at you.

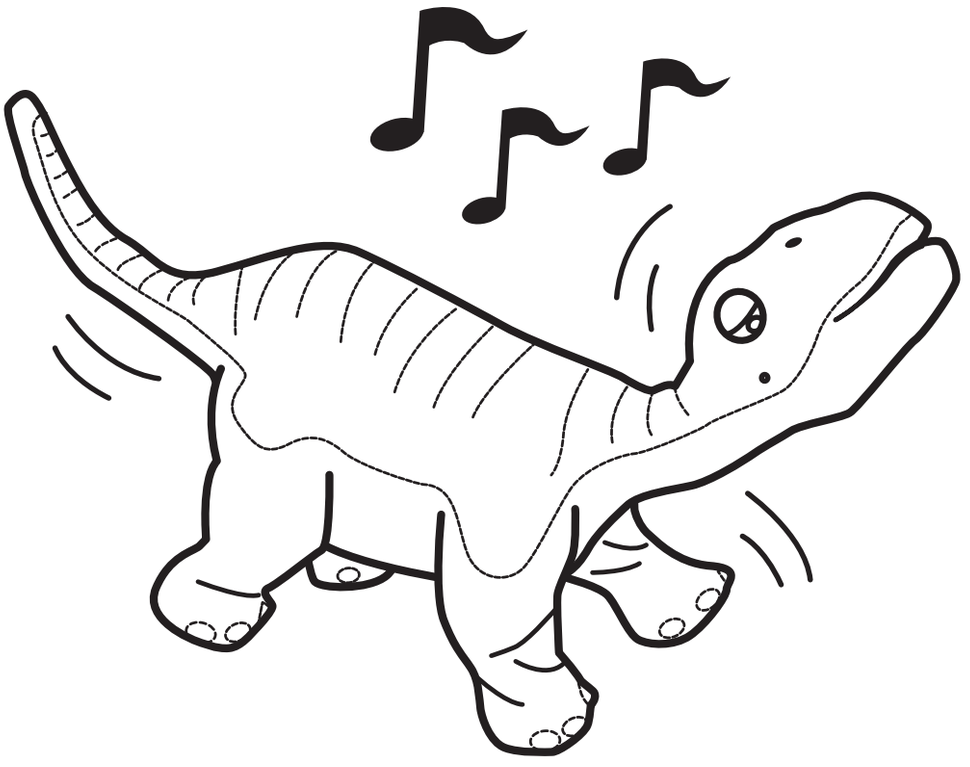
Verbal Commands:



As with living pets, while PLEO rb is concentrating on walking and exploring, it's not prepared to hear verbal commands. If you want it to perform a verbal command, wait until PLEO rb is standing still and then get its attention by clapping your hands loudly at about 6 to 8 inches (15 to 20 cm) in front of it. If the environment is too noisy it may not be aware of the clapping so try again in a quieter place and clap your hands louder OR Touch and hold Pleo rb's cheeks at the same time for 2 seconds (Please see illustration). After you get PLEO rb's attention, it will stand still and look up at you, waiting for you to call its name. After it hears its name it will move and then stand still again, waiting to hear the verbal command. If PLEO rb has a problem learning the verbal command, the room is too noisy, so try again in a quieter place.

Additional verbal command Learning Stones are sold separately online at www.pleowrold.com.

PLEO rb recognizes special PLEO rb music, and it will dance when it hears it. Go online to www.pleowrold.com "pleoshop" for PLEO rb music and ring tone availability.



Note: As with living pets, PLEO rb will only respond to verbal commands when it is in good mental and physical condition.

Eating:

Feeding PLEO rb is fun and enjoyable. PLEO rb has its own food preferences (likes and dislikes).

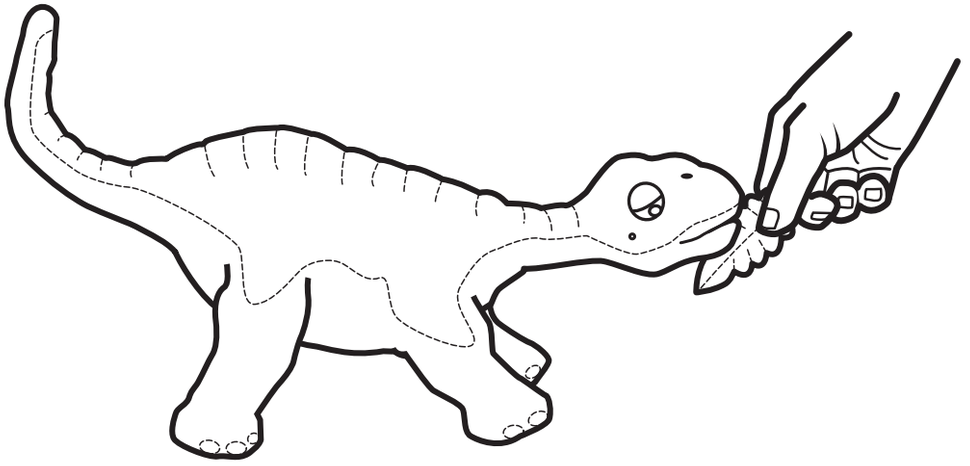
PLEO rb has the ability to identify various kinds of food, snacks, healing herbs and mineral medicines.

- The Conifer Leaf is a healthy essential food which will supply PLEO rb's daily needs. PLEO rb will only eat the Conifer Leaf when it is hungry OR at the feed time (its evening time). You may need to give PLEO rb several feeds to make sure it is full.
- The Mint Leaf is an herb that tastes bad but will cure PLEO rb when it is ill. **Caution:** PLEO rb doesn't like to eat herbs and will only be willing to eat the Mint Leaf if it is ill.

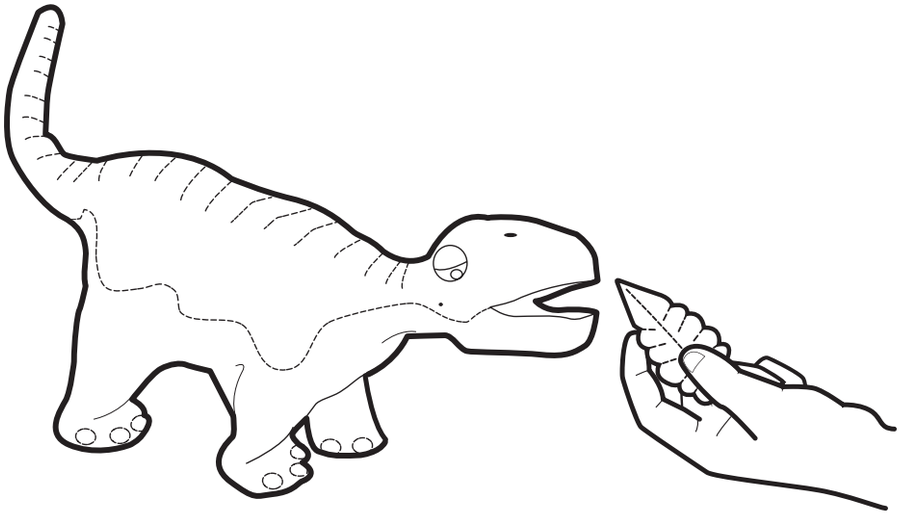
- Rock Salt is a medicine which tastes bad but will heal PLEO rb when it is injured. **Caution:** PLEO rb doesn't like medicine and will only be willing to eat Rock Salt if it is injured.

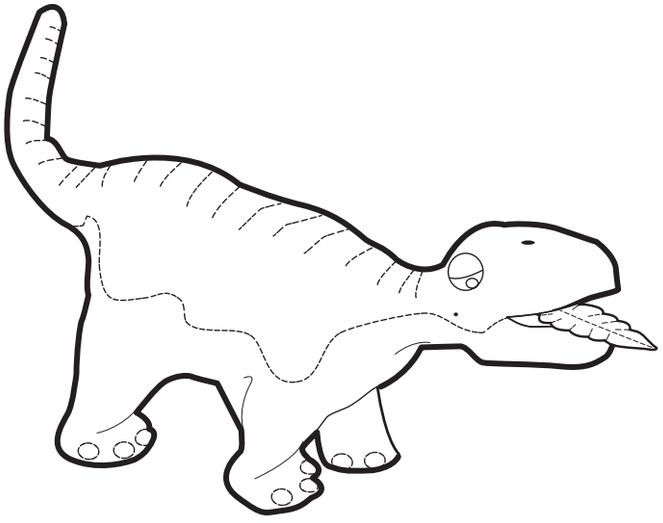
Feeding your PLEO rb:

1. Place the food or herb next to PLEO rb's mouth (it will know what it is).

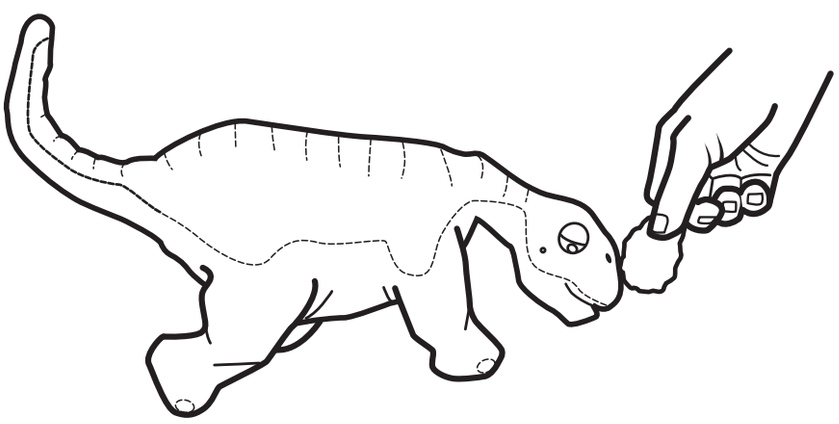


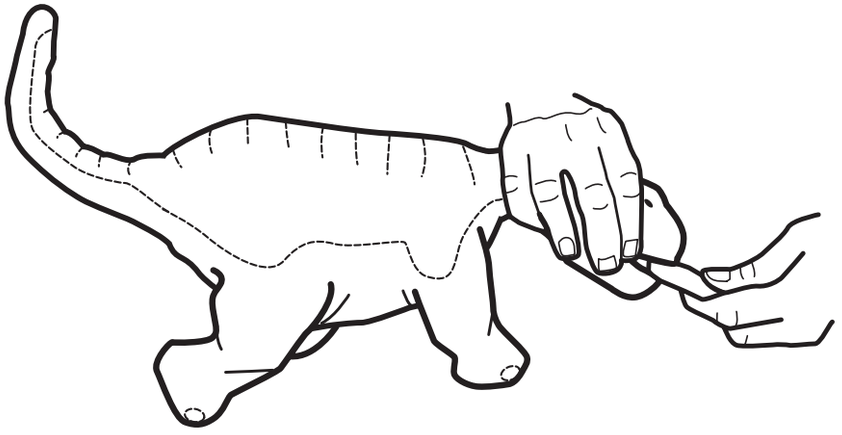
2. If it is what it wants/needs, it will open up its mouth to accept it.



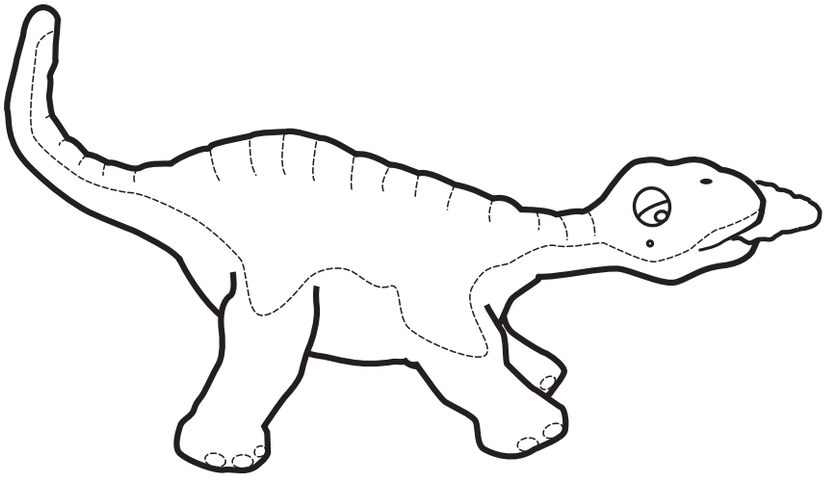


3. If it doesn't want or need what you're offering, PLEO rb will keep its mouth closed and turn its head away.
4. PLEO rb will only be willing to eat herbs or medicine if it is ill. So, if you have to force open its mouth to feed it either of them, PLEO rb may get upset and make a "vomiting" sound since it doesn't like the taste!





5. If PLEO rb is ill or injured, PLEO rb will show reluctance to open up its mouth (but not turn its head away) for a short while and will open up its mouth to accept the herbs and eat.



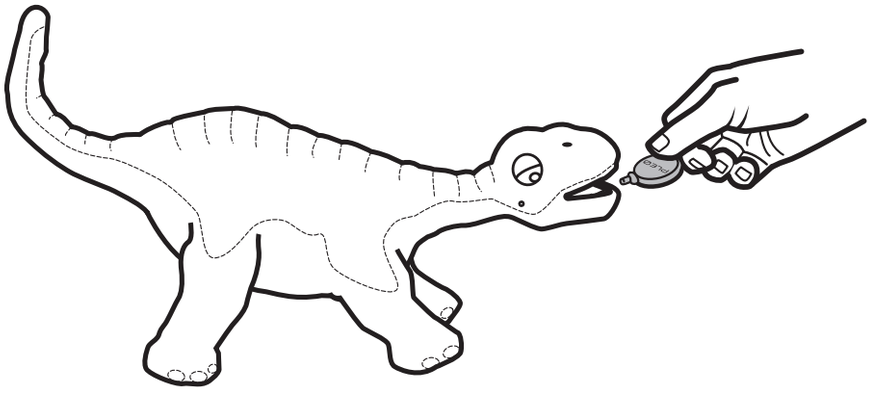
As with living pets, overfeeding or missing meals will cause ill effects to its health. Feed your PLEO rb properly and on time.

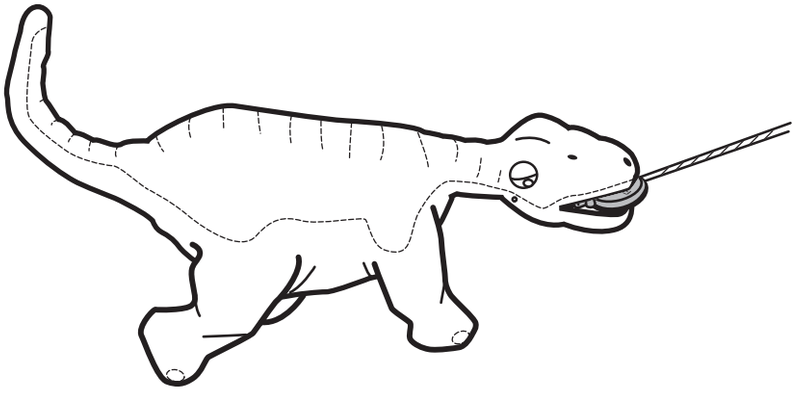
Play:

PLEO rb likes to play if it is in good physical/mental condition.

It likes to play tug of war.

1. Put the stone bite piece near PLEO rb's mouth. It will open its mouth to let you put the stone in it if it wants to play. If it doesn't want to play, it won't open its mouth.





2. After you put in the bite piece, it will bite down allowing you to start to pull the rope. If PLEO rb holds onto the bite piece for a period of 10-15 seconds it will open its mouth to release it and then act happy and excited that it won the game.

If you pull out the bite piece before 10-15 seconds are up, PLEO rb will act unhappy with its head and tail down, so make sure to let PLEO rb win sometimes to cheer it up!

Sense of orientation and motion:

PLEO rb has good sense of orientation and motions

- It can tell if it is on the ground or being held head up or tail up.
- It knows if you swing, throw and catch it or accidentally tip it over or drop it on the ground.
- PLEO rb likes to be gently swung, thrown and caught which makes it feel excited and happy but be careful not to drop it on the ground.
- PLEO rb may be frightened or physically injured if you drop it; it may respond by being emotionally depressed and unable to walk for a while. It will take time and lots of nurturing (petting and feeding it with herbs) to get it to recover both emotionally and physically.
- PLEO rb doesn't like to be held by the tail and it will howl and struggle. So please play with it carefully and treat it nicely if you want your PLEO rb to be happy and healthy!

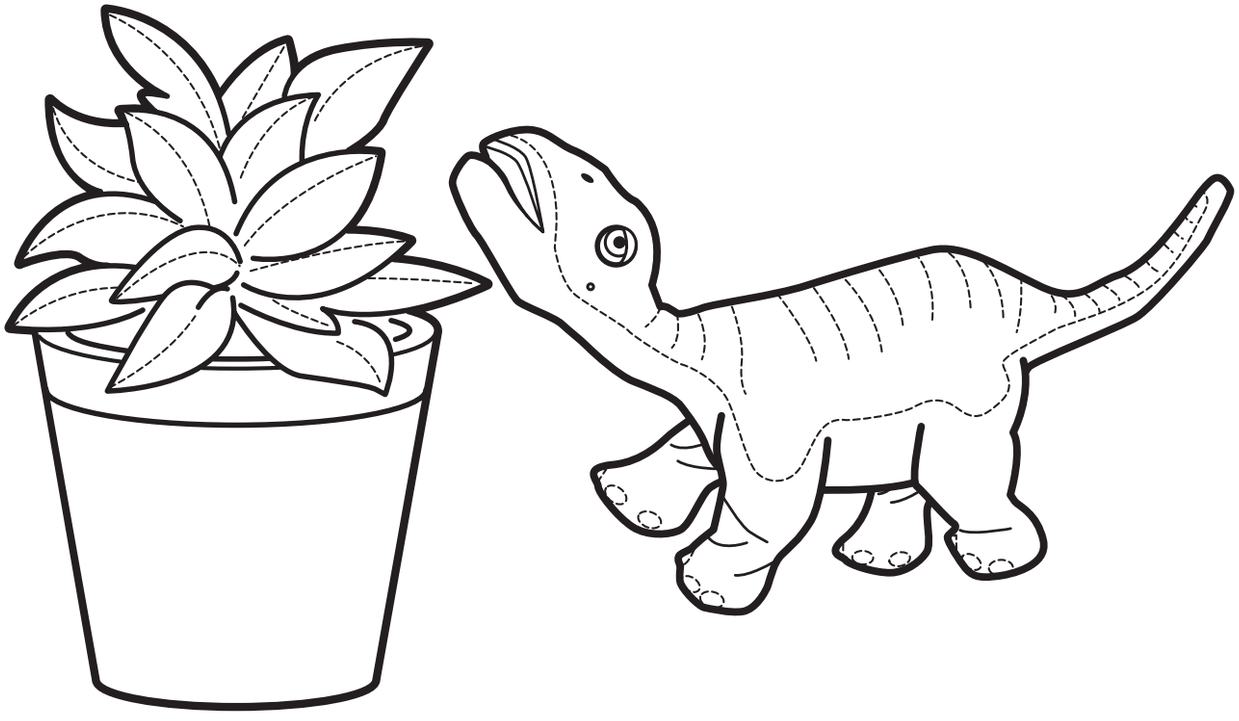
Sensation of cold and hot:

PLEO rb is sensitive to temperature; it likes to live above 50° F (10° C) and below 104° F (40° C).

- PLEO rb doesn't like temperature extremes; it will shiver if it is too cold or pant if it is too hot.
- It will get sick if it is exposed to cold or hot temperatures for long periods.

Exploration:

PLEO rb is able to navigate around objects and other Life Forms in its environment.



Interaction:

See how your PLEO rb interacts with other Pleos.

Caring for Pleo:

PLEO rb can express dissatisfaction from time to time. Please treat PLEO rb as you would a living pet—with care. Be attentive with how you raise your PLEO rb.

Like any pet or newborn Life Form, PLEO rb actively responds and interacts with its environment.

Here are some suggestions for understanding and taking care of PLEO rb:

- Feed it on time with proper food.
- Try to feed it various kinds of foods/snack/nutrients/herbs/medicine and see how it responds.
- If it is not hungry, play “tug-of-war.”
- Set the “yellow/green/red” training leaf in front of PLEO rb, see how it reacts?
- How does PLEO rb react when you pick it up and hold it?
- How does your PLEO rb respond to being petted, held and loved?
- What happens if you hold PLEO rb upside down? Can it tell which way is up?
- Can you teach PLEO rb to do a trick?

Remember: **PLEO rb is a Life Form.** See what it is capable of doing. Observe how it responds to you and its environment.

Get to know more about your PLEO rb–log on to www.pleoworld.com.

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Understanding Your Pleo

PLEO rb OS system is what determines how PLEO rb feels and reacts

Innvo Labs Life OS is a complex software system that combines:

- Basic living needs (eating, sleeping, exploring, socializing and interacting)
- External sensations (sound, light, touch, food, colors, verbal commands, temperature)
- Born-in characteristics (intelligence of learning, temper, activeness, obedience)
- gender (male or female)
- core after-born attributes (eating, mood, emotion, health and physical)

For example:

- If PLEO rb has not interacted with anyone or received any external stimuli, it may get bored and take a nap.
- If PLEO rb is feeling adventurous, it may choose to explore on its own.
- If PLEO rb is feeling hungry, it may wander around and sniff for food.
- If it is just recently fed, it may want to play tug of war.
- It likes to eat snacks, even if it is full.
- It will be unwilling to open mouth for herbs or medicine if it is not sick.

PLEO rb s response to your interaction depends on the combined conditions of all characters and attributes at that moment.

For example:

- You throw and catch PLEO rb—resulting in a happy mood, healthy and excited. PLEO rb will react with a happy sound, wagging tail, and head up.
- You drop it to ground by accident, causing it to be physically injured and scared emotionally. It reacts with a twitching body, dropped head and tail, eyes half closed, and makes a whimpering sound.
- As with living pets, PLEO rb will only be willing to play games, react to verbal commands, react to the training leaf, sing or dance when it is in good mental and physical condition.

Get to know and understand your PLEO rb

Play and interact with PLEO rb to help you to know and understand your PLEO rb better.

Each PLEO rb will be unique in its responses due to the conditions, environment and interactions it has experienced.

Keep track of its moods, emotions, feeding, physical and health conditions like you do with living pets in order to keep it in good shape.

It will be fun and challenging to figure out for yourself what makes your PLEO rb unique!

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WWW.PLEOWORLD.COM

Registering PLEO rb

Registration is quick and easy!

- Visit www.pleoworld.com**
- Locate your 12-digit serial number under your PLEO rb's front right foot or on your PLEO rb Identity Card.
- Record your user name and password for safe-keeping.

Welcome! You have now joined the PleoWorld community!

***OR mail in the Registration Card at the end of the Companion Guide. Make sure to provide phone number, address, and email so that we can contact you with critical updates.*

Joining Pleoworld

What is Pleoworld?

It is a whole community of PLEO rb owners and robotics enthusiasts who share your passion for PLEO rb on www.pleoworld.com.

What can you do on PleoWorld?

Connect:

- Purchase PLEO rb and PLEO rb accessories
- Register your PLEO rb
- Join PleoWorld
- View PLEO videos
- Check out Pleo in the news
- Join the Pleo Email list

Personalize:

- Access new downloads for PLEO rb sounds and behaviors

Share:

- Create a Custom PLEO rb Profile
- Write a “Plog” or PLEO rb Blog
- Share PLEO rb stories—upload videos and photos to the official pleoworld Facebook fan page

Software Updates

Check www.pleoworld.com for software updates. To access PleoWorld and to transfer downloaded files to your PLEO rb, you will need the following:

- A PC or Mac
- An Internet connection
- A blank Micro SD Card*—for fun downloads and software updates

Standard Micro SD cards will work successfully with PLEO rb.

** Micro SD cards sold separately at your local electronics retailers.*

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Appendix

How do I care for my PLEO rb?

Please heed all cautionary statements contained in this manual, including all electrical warnings and handling instructions.

- To clean PLEO rb, use only a damp cloth and wipe carefully.
- You may use Pledge Extra Moisturizing furniture polish (from S.C. Johnson & Son, Inc.) with a soft clean cloth once a month to condition PLEO rb's skin. Pledge will help keep PLEO rb's skin less tacky and more abrasion-resistant.
- Do not use soap or any other cleaning agents.
- Please do not attempt to make any repairs yourself! Doing so will automatically void the Warranty included in this package.

Why is my PLEO rb slow or sluggish?

Just like a real pet, PLEO rb needs its rest. When PLEO rb's battery is running low or in extremely hot temperatures, PLEO rb may slow down, seem tired or sleepy, or even shut down. Please keep PLEO rb indoors or in moderate climates between 50°F (10°C) to 104°F (40°C).

Why is my PLEO rb freezing up or stopping in the middle of an action?

PLEO rb may stop operating or "lock up" when receiving an electrostatic discharge. Simply turn the power OFF and then back ON to resume play.

Why is my PLEO rb not turning “ON”?

1. Make sure the battery has been charged for four hours.
2. Double check the “Power ON” indicator to make sure that PLEO rb has been switched on properly (see page 18, “Charging PLEO rb’s Lithium Polymer battery).
3. In the daytime, check to see if PLEO rb is resting by gently nudging or tapping PLEO rb to wake it up.
4 In the nighttime, check to see if PLEO rb is sleeping by pressing the power ON button to wake it up (during the night, it will fall asleep again very quickly).
5. Much like a cell phone battery, the PLEO rb battery may eventually need to be replaced. Log onto www.pleoworld.com for more information on purchasing a replacement rechargeable battery pack. Please note: PLEO rb contains a special Lithium Polymer rechargeable battery pack. Do not use any other battery pack not explicitly designated for PLEO rb, as it may not operate correctly and may cause damage.

My PLEO rb is too loud. How do I adjust or mute the volume?

Power “ON” PLEO rb, then press the “ON/OFF” button once to “Mute,” a second time for “Soft Volume” and a third time for “Normal Volume.” Please note the complex gears and motors inside of PLEO rb may cause a moderate level of noise any time PLEO rb is in motion.

For further questions, please contact us at:
http://pleoworld.com/home/contact
or call the PLEO rb service line listed in the included Customer Support Information document.

FAQs

What is PLEO rb?

PLEO rb is an autonomous robotic Life Form, modeled on a young Camarasaurus dinosaur. PLEO rb is designed to mimic life, which means PLEO rb thinks and acts independently, just like a real animal.

What do you mean by “Life Form”?

In general, a Life Form looks, moves, and behaves in ways that trigger a “belief of life.” Specifically, PLEO rb has organic body language, exhibits emotions, is aware of its surroundings and has recognizable behaviors.

What is a Camarasaurus?

Camarasaurus (KAM-ah-rah-sawr-us) means “Chambered Lizard” (Greek kamara=chamber, and sauros=lizard), referring to the holes in its vertebrae. Camarasaurus is the best-known sauropod found in North America and the most abundant of fossils from the Late Jurassic period. Camarasaurus also lived in Europe, where it survived into Early Cretaceous times. A complete, nearly perfect skeleton of a juvenile, 17' (5.2 meters) long was found in Utah. Its head was short and box-like, with nostrils set above the snout and in front of the eyes. The weight of its backbone was lightened by holes in its vertebrae. Its neck was shorter and thicker than most sauropods, and it possessed a short and somewhat flattened tail. The forelimbs and hind legs of Camarasaurus were about the same length.

What makes PLEO rb special?

At the heart of PLEO rb and other Life Forms is Life OS. It is the operating system software that enables PLEO rb to act independently and adapts PLEO rb's personality according to it interactions with you and the environment.

What is Life OS?

Life OS is a complex platform of tools and technologies that enable PLEO rb's mechanical, electronic, sensory, and Artificial Intelligence systems to interact as a lifelike whole.

What ages is PLEO rb suitable for?

PLEO rb is a highly sophisticated product that is much like an inquisitive animal that requires attention and care. Children under 12 years of age should be supervised when playing with PLEO rb.

Can PLEO rb talk?

PLEO rb makes animal sounds but PLEO rb does not say any words.

Will PLEO rb be able to hear?

Yes, PLEO rb can hear sounds when it is still and it's quiet. PLEO rb will be able to understand the name you give it and verbal commands through the learning process utilizing the PLEO rb learning aids (note, additional PLEO rb Learning Stones are sold separately at www.pleoworld.com).

What are some things PLEO rb cannot do?

PLEO rb cannot fly and PLEO rb cannot swim! Please ensure that you do not drop PLEO rb from a great height or drop it into water, as doing so will void the Warranty included in this package. PLEO rb is for use only in dry, indoor locations. Remember to treat PLEO rb as you would a pet–with the utmost care.

Can I paint my PLEO rb?

No—please do not paint your PLEO rb, as paint contains “thinner” that might adversely affect PLEO rb’s skin. You can protect your PLEO rb’s body from wear with the included PLEO rb Cape.

We do, however, encourage you to accessorize your PLEO rb to match its unique personality.

For further questions, please contact us at:
http://pleoworld.com/home/contact

FCC ID: YYC-662910

Note: This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

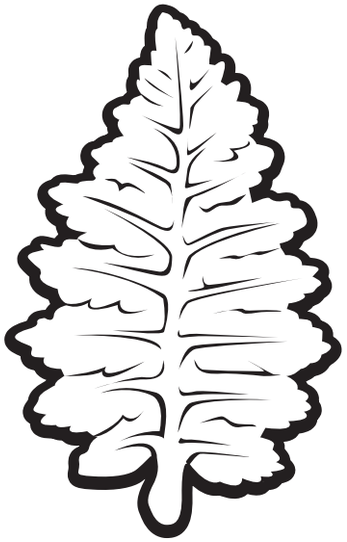
1. This device may not cause harmful interference, and
2. This device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference to radio communication. Because this product generates, uses and can radiate radio frequency energy, there can be no guarantee that interference will not occur. If this product does cause interference to radio or television reception (you can check this by turning the product off and on while listening for the interference), one or more of the following measures may be useful:

- Reorient or relocate the receiving antenna
- Increase the separation between the toy and the radio or the TV
- Consult the dealer or an experienced TV-radio technician for help

Warning: Changes or modification to this unit not expressly approved by Innvo Labs Limited could void the user s authority to operate the product.

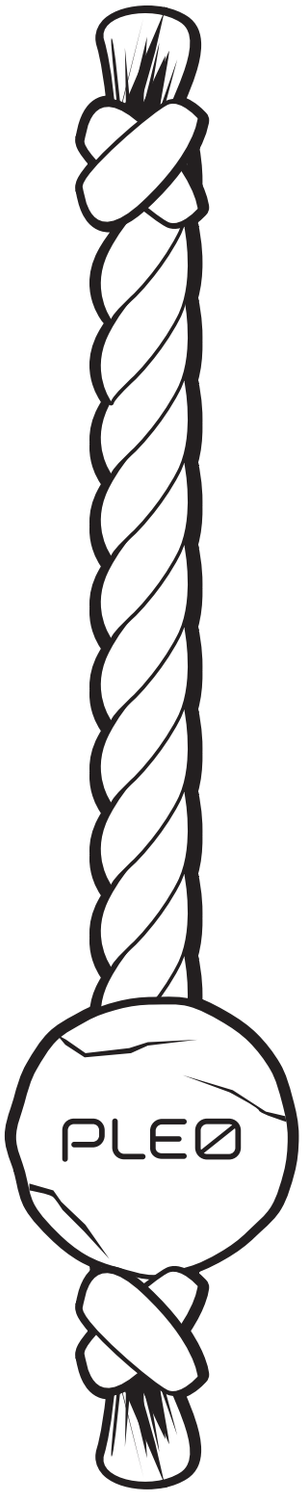
Accessories Included with PLEO rb:



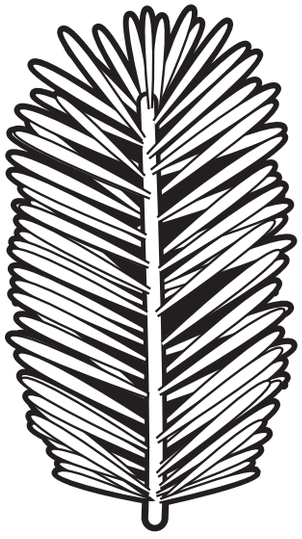
Training leaf
(yellow/green/red)

“BOW”
verbal command
Learning Stone

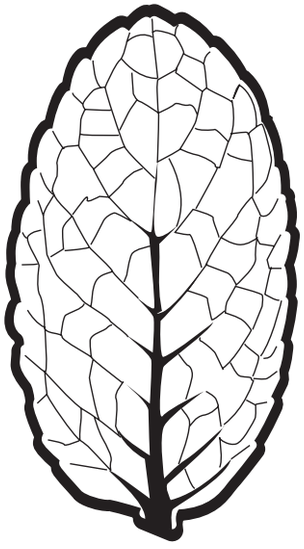
PLEO rb’s ID Card



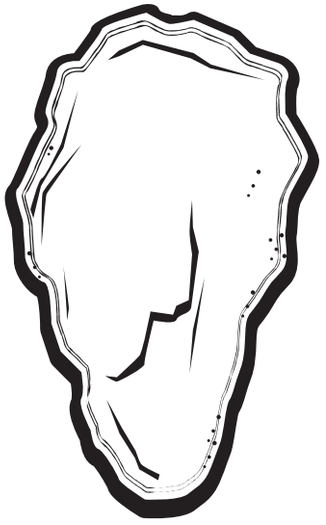
Tug of war



Conifer leaf



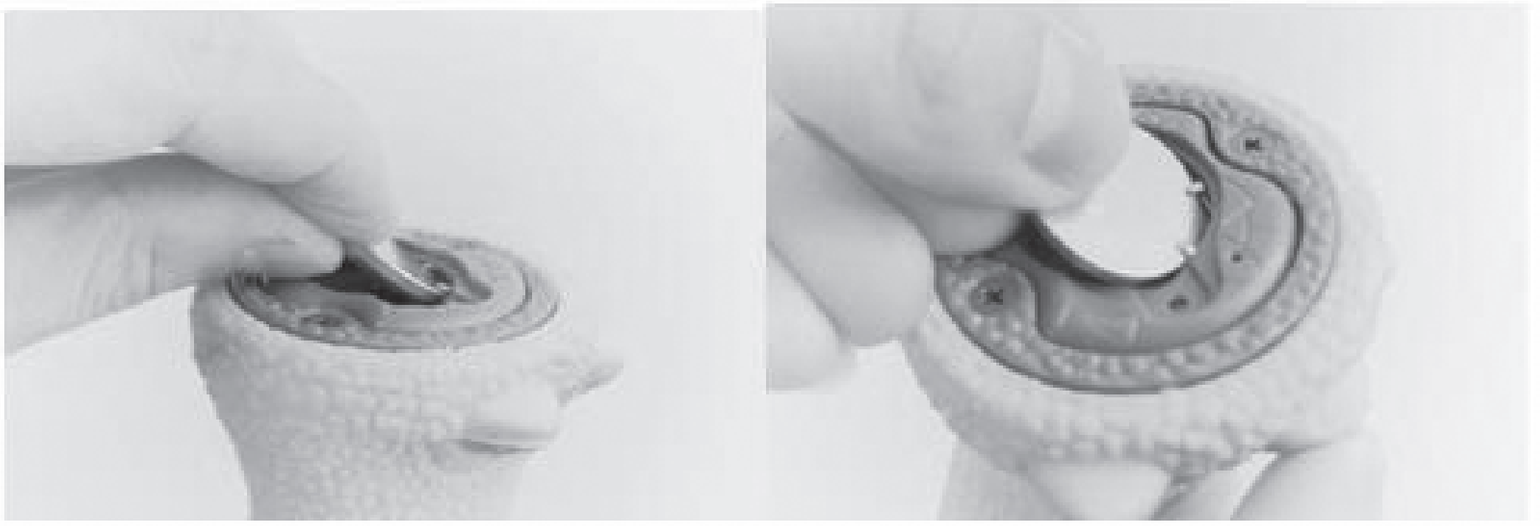
Mint leaf



Rock salt

Clock Button Cell Battery (CR2032) insertion instruction

1. Insert button cell underneath the 2 tabs as shown, with “+” side facing the battery cover side.



2. Press down the button cell and then reinstall the battery cover and the screw firmly.

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